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CATALOGUE OF THE GENERA OF DINOSAURS

THEODORE E. WHITE¹

When I assumed my duties at Dinosaur National Monument in September, 1953, I realized that many of the genera of dinosaurs, possibly fifty percent, were founded on very fragmentary material and could not be considered valid. In order to form an opinion regarding the validity of a particular genus it was necessary to have a statement of the material upon which it was founded. I needed this information on all the described genera of dinosaurs. Since no such list was available it was necessary to prepare one. I used the list of genera in the *Osteology of the Reptiles*, by A. S. Romer, and entered them on 3" x 5" cards. On each card I listed the genus, author, and year; the family and suborder to which the genus belonged; the type species; the elements of which the type specimen consisted; and the horizon and locality of the type specimen. When data were available, I included the catalogue number of the type specimen and the museum in which it was located, or both.

My comment on the validity of each generic name in the alphabetical list appears in brackets.

Such a listing of the genera of dinosaurs should follow the system of classification with which most students are familiar, and I accordingly used the classification of the dinosaurs in *Osteology of the Reptiles*, by A. S. Romer. This is a conservative classification and does not reflect the current thought of many students of dinosaurs, particularly in regard to the Theropoda and Sauropoda. It will be several years, however, before the new ideas on these two groups can be fully developed and incorporated into a relatively stable classification.

¹Dinosaur National Monument, Box 128, Jensen, Utah 84035.

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I have not included references to the original description of each genus because this information is available in the bibliographies of Hay, Camp *et al*; Romer *et al*, Fossilium Catalogues, and the Zoological Record. The inclusion of this information would have needlessly increased the bulk of the manuscript. I have not listed the author of the species when it was the same as that of the genus.

The preparation of this catalogue has revealed the complete absence of sauropods on the North American continent prior to Morrison (Kimeridgean) time. They suddenly appeared in the Morrison sediments in considerable number and variety and are unknown in the older sediments. Sauropods were present in Europe and South America during the Medial Jurassic, and in India, South Africa, and Australia during the Early Jurassic. Land traffic was not possible between Asia and North America during the Early and Medial Jurassic, but became possible at the beginning of Morrison time. Therefore, it is necessary to postulate a mass immigration over the Chukchi-Alaska land bridge with the advent of Morrison time. This explanation would appear to apply to *Stegosaurus*, also.

I am indebted to Dr. John Ostrom of Yale, Dr. John McIntosh of Wesleyan University, Mr. Gilbert Stucker of the American Museum of Natural History, Dr. Alan Charig of the British Museum (Natural History), and Dr. Joseph Gregory and Mr. Robert Long of the University of California for furnishing information on a number of type specimens. I am also indebted to Dr. Nicholas Hotton III for the loan of literature and information on type specimens.

ABBREVIATION OF MUSEUM NAMES

AC	Amherst College
AMNH	American Museum of Natural History
ANSP	Academy of Natural Sciences of Philadelphia
BMNH	British Museum (Natural History)
CUP	Catholic University, Peking
CM	Carnegie Museum
EM	Elgin Museum, Elgin, Scotland
FM	Field Museum, Chicago
GSC	Geological Survey of Canada
IM	Indian Museum, Calcutta
IPHG	Institute für Paläontologie und historische Geologie, Munich
IRSNB	Institute Royal de Sciences Naturelle de Belgique
IVP AS	Institute of Vertebrate Paleontology, Academia Sinica, Peking
LVP GSC	Laboratory of Vertebrate Paleontology, Geological Survey of China
MCZ	Museum of Comparative Zoology
MIWG	Museum Isle of Wight Geology

MLP	Museo de La Plata
MNHN	Muséum National d' Histoire Naturelle, Paris
MUO	Stovall Museum of Science and History, University of Oklahoma
NMC	National Museum of Canada
PEN AN SSR	Paleontological Institute, Academy of Science, USSR
PVL	Paleontologia Vertebrados Lillo, Argentina
RCS	Royal College of Surgeons, London
ROM	Royal Ontario Museum
SAFM	South African Museum
SM	Sedgwick Museum, Cambridge
SMNS	Staatliches Museum für Naturkunde, Stuttgart
TRM	Transvaal Museum
UCMP	University of California Museum of Paleontology
UKMNH	University of Kansas Museum of Natural History
UMMP	University of Michigan Museum of Paleontology
UMO	University Museum, Oxford
USNM	United States National Museum
YPM	Yale Peabody Museum

ALPHABETICAL LISTING OF GENERA

- Acanthopholis* Huxley, 1867
Acanthopholidae, Ankylosauria
[valid]
Genotype: *horridus*.
Type: Occiput, 3 teeth, distal end of
humerus, vertebral centra, numerous
armour plates. Mus. Pract. Geol.,
London.
Lower Cretaceous, Greensand—Europe,
England, Cambridge, Folkstone.
- Acrocanthosaurus* Stovall and
Langston, 1950
Megalosauridae, Carnosauria
[valid]
Genotype: *atokensis*.
Type: Partial skull and partial skeleton.
MUO 8-0-59.
Lower Cretaceous, Trinity Sands—North
America, Oklahoma, Atoka County.
- Aegyptosaurus* Stromer, 1932
Diplodocidae, Sauropoda
[valid]
Genotype: *baharijensis*.
Type: Left scapula, left humerus, left
radius, right ulna, left femur, left tibia.
Probably destroyed. Not at IPHG.
Upper Cretaceous, Lower Cenomanian—
North Africa, Egypt, Baharije.
- Aepisaurus* Gervais, 1853
Diplodocidae, Sauropoda [*nomen
dubium*]
Genotype: *elephantinus*.
Type: Humerus. MNHN.
Lower Cretaceous, Aptian—Europe,
France, Dept. Vaucluse, Monte
Ventoux.
- Aepyosaurus* Huene, 1932
Diplodocidae, Sauropoda
[misspelling of *Aepisaurus*.]
Aetonyx Broom, 1911
Thecodontosauridae, Prosauropoda
[valid]
Genotype: *palustris*.
Type: Scapula, coracoid, humerus,
radius, part of ulna, manus, proximal
end of tibia, pes. SAFM 2769, 2770.
Upper Triassic, Stormberg Series, Top
of Red Beds—South Africa, Orange
Free State, Fouriesburg.
- Agathaumas* Cope, 1872
Ceratopsidae, Ceratopsia
[*nomen dubium*]
Genotype: *sylvestris*.
Type: Right ilium, 9 posterior dorsal and
sacral centra. AMNH 4000.

Upper Cretaceous, Lance Formation—
North America, Wyoming, Sweetwater
County, Black Buttes.

Aggiosaurus Ambayrac, 1913
Megalosauridae, Carnosauria
[=*Megalosaurus* fide Romer 1956]
Genotype: *nicaeensis*.

Type: Lower jaw.

Upper Jurassic, Oxfordian—Europe,
France, Cap-d' Ail a' la Turbie.

Agrosaurus Seeley, 1891
Coeluridae, Coelurosauria
[provisionally considered valid]
Genotype: *macgillivrayi*.

Type: Left tibia, proximal end of right
tibia, distal end of right radius, claw
and broken tooth. BMNH 49984.

Lower Jurassic—Australia,
Queensland, York Peninsula.

Alamosaurus Gilmore, 1922
Diplodocidae, Sauropoda
[valid]

Genotype: *sanjuanensis*.

Type: Left scapula. USNM 10,486.

Upper Cretaceous, Ojo Alamo
Formation—North America, New
Mexico, San Juan County, 1 mi.
south of Ojo Alamo.

Albertosaurus Osborn, 1905
Tyrannosauridae, Carnosauria
[valid]

Genotype: *sarcophagus*.

Type: Palatal region of skull, brain case,
and lower jaws. NMC 5600.

Upper Cretaceous, Edmonton Formation,
Member A—North America, Alberta,
Red Deer River, Knee Hills Creek.

Alectrosaurus Gilmore, 1933
Tyrannosauridae, Carnosauria
[valid]

Genotype: *olseni*.

Type: Right humerus, part of manus, femur,
tibia, fibula, and pes. AMNH 6368.

Upper Cretaceous, Iren Dabasu
Formation—East Asia, Mongolia, Iren
Dabasu telegraph station.

Algoasaurus Broom, 1904
Diplodocidae, Sauropoda
[valid]

Genotype: *bauri*.

Type: Fragmentary vertebrae, femur,

imperfect scapula, phalanx. Port
Elizabeth Museum.

Lower Cretaceous, Sunday River
Formation—South Africa, Uitenhage.

Allosaurus Marsh, 1877
Megalosauridae, Carnosauria
[*nomen dubium*]

Genotype: *fragilis*.

Type: One tooth, 2 dorsal centra,
proximal phalanx of digit 3 of right
pes. YPM 1930.

Upper Jurassic, Morrison Formation—
North America, Colorado, Fremont
County, Garden Park, Sec. 28, T. 17S,
R. 70W.

Altispinax Huene, 1923
Megalosauridae, Carnosauria
[*nomen dubium*]

Genotype: *dunkeri* Dames, 1884.

Type: Worn tooth. University of Marburg
collection.

Lower Cretaceous, Wealden Formation
—Europe, Belgium, Hanover, Deister.

Ammosaurus Marsh, 1891
Amnosauridae, Coelurosauria
[valid]

Genotype: *major* Marsh, 1889.

Type: Three presacral vertebrae, sacrum,
pelvis, both hind legs and pedes.
YPM 208.

Upper Triassic, Newark Series, Portland
Sandstone—North America, Connecti-
cut, Hartford County, Manchester.

Amphicoelias Cope, 1877
Diplodocidae, Sauropoda
[*nomen dubium*]

Genotype: *altus*.

Type: Two imperfect dorsal vertebrae,
femur, scapula, coracoid, ulna,
AMNH 5764.

Upper Jurassic, Morrison Formation—
North America, Colorado, Fremont
County, Garden Park.

Amphisaurus Marsh, 1882
Anchisauridae, Prosauropoda
[preoccupied = *Anchisaurus* Marsh, 1885]

Genotype: *polyzelus* Hitchcock, 1865.
Type: One dorsal and four caudal verte-
brae, distal ends of right radius and
ulna, right manus, two ischia, left
femur, proximal end of tibia, left

fibula and pes. AC 41/109-118.

Upper Triassic, Newark Series, Longmeadow Sandstone—North America, Massachusetts, Hampden County, Springfield.

Amygdalodon Cabrera, 1947

Camarasauridae, Sauropoda

[valid]

Genotype: *patagonicus*.

Type: Several vertebrae, partial scapula, partial pubis, four teeth.

MLP 46-VIII-21-1.

Medial Jurassic, Bajocian—South America, Argentina, Chubut province, Pampa de Agnia.

Anotosaurus Lull and Wright, 1942

Hadrosauridae, Ornithopoda

[valid]

Genotype: *annectens* Marsh, 1892.

Type: Skull and skeleton. USNM 2414.

Upper Cretaceous, Lance Formation—North America, Wyoming, Niobrara County, Lightning Creek.

Anchiceratops Brown, 1914

Ceratopsidae, Ceratopsia

[valid]

Genotype: *ornatus*.

Type: Skull with anterior end missing.

AMNH 5251.

Upper Cretaceous, Edmonton Formation, Member B—North America, Alberta, Tolman Ferry.

Anchisaurus Marsh, 1885

Anchisauridae, Prosauropoda

[valid]

Genotype: *polyzelus* Hitchcock, 1865.

Type: One dorsal and four caudal vertebrae, right manus, distal ends of right radius and ulna, left femur, proximal end of left tibia, left fibula and pes, two ischia. AC 41/109-118.

Upper Triassic, Newark Series, Longmeadow Sandstone—North America, Massachusetts, Hampden County, Springfield.

Ankylosaurus Brown, 1908

Ankylosauridae, Ankylosauria

[valid]

Genotype: *magniventris*.

Type: Skull, scapula-coracoid, seven cervical, ten dorsal, and four caudal

vertebrae, ribs and dermal plates.

AMNH 5895.

Upper Cretaceous, Hell Creek Beds—North America, Montana, Valley County, 120 miles N. of Miles City.

Anodontosaurus Sternberg, 1929

Nodosauridae, Ankylosauria

[valid]

Genotype: *lambei*.

Type: Skull, left jaw, many dermal plates. NMC 8530.

Upper Cretaceous, Edmonton Formation, Member A—North America, Alberta, Red Deer River, Morrin.

Anoplosaurus Seeley, 1879

Iguanodontidae, Ornithopoda

[*nomen dubium*]

Genotype: *curtonotus*.

Type: Six cervical, twelve dorsal, six sacral, and eight caudal centra, parts of both coracoids, proximal end of scapula, proximal and distal ends of humerus. SM.

Lower Cretaceous, Greensand—Europe, England, Cambridge.

Antarctosaurus Huene, 1929

Diplodocidae, Sauropoda

[valid]

Genotype: *wichmannianus*

Type: Skull, one cervical vertebra, scapula, radius, ulna, manus, pelvis, hind leg. MLP.

Upper Cretaceous, Upper Senonian—South America, Argentina, Rio Negro, General Roca.

Remarks: The family or subfamily to include the Cretaceous peg-toothed sauropods with procoelus caudal vertebrae should be based upon this genus because it would then be capable of definition. More will be said on this under *Titanosaurus*.

Anurodemus Leidy, 1870

Megalosauridae, Carnosauria

[valid]

Genotype: *valens*.

Type: Posterior half of sixth caudal vertebra. USNM 218.

Neotype: Skeleton, USNM 8367.

Upper Jurassic, Morrison Formation—North America, Colorado, Grand County, Middle Park.

- Apatosaurus* Marsh, 1877
 Camarasauridae, Sauropoda
 [valid]
 Genotype: *ajax*.
 Type: Most of skeleton with brain case, YPM 1860.
 Upper Jurassic, Morrison Formation—North America, Colorado, Jefferson County, Morrison, Sec. 35, T. 4S, R. 70W.
- Aralosaurus* Rozhdestvensky, 1970
 Hadrosauridae, Ornithopoda
 [valid]
 Genotype: *tuberiferus*.
 Type: Incomplete skull; PEN AN SSR 2229/1.
 Lower portion of Upper Cretaceous—Central Asia, central Kazakhstan, n. of Karmakchi (Dzhusaly Station), Beletinskaiia suite.
- Archaeornithomimus* Russell, 1972
 Ornithomimidae, Coelurosauria
 [valid]
 Genotype: *asiaticus*, Gilmore, 1933.
 Type: Gilmore (1933:27) designates two cotypes: AMNH 6565 including much of pes, and AMNH 6569, representing a nearly complete manus.
 Upper Cretaceous, Cenomanian?, Iren Dabasu Formation—East Asia, Mongolia, Gobi Desert, 8 mi. e. of Iren Dabasu telegraph station.
- Arctosaurus* Adams, 1875
 Thecodontosauridae, Prosauropoda
 [*nomen dubium* (probably Chelonian, *fide* Huene, 1906)]
 Genotype: *osborni*.
 Type: Most of a cervical vertebra. Mus. Sci. and Art, Dublin.
 Upper Triassic, Heiberg Formation—North America, Arctic Archipelago, Bathurst Group, Cameron Island.
- Argyrosaurus* Lydekker, 1893
 Diplodocidae, Sauropoda
 [valid]
 Genotype: *superbus*.
 Type: Left front leg and manus. MLP.
 Upper Cretaceous, Upper Senonian—South America, Argentina Chubut province, Rio Chico.

- Aristosaurus* van Hoepen, 1920
 Thecodontosauridae, Prosauropoda
 [= *Gyposaurus*, *fide* Romer, 1956]
 Genotype: *erectus*.
 Type: Skull and most of skeleton. TrM.
 Upper Triassic, Stormberg Series, bottom of Cave Sandstone—South Africa, Orange Free State, Rosendal.
- Aristosuchus* Seeley, 1887
 Coeluridae, Coelurosauria
 [provisionally considered valid]
 Genotype: *pusillus* Owen, 1876.
 Type: Five lumbo-sacral vertebrae, 2 pubes. BMNH R178.
 Lower Cretaceous, Wealden—Europe, England, Isle of Wight, Brook.
- Arrhinoceratops* Parks, 1925
 Ceratopsidae, Ceratopsia
 [valid]
 Genotype: *brachyops*.
 Type: Skull without jaws. ROM 796.
 Upper Cretaceous, Edmonton Formation, Member A—North America, Alberta, Bleriot Ferry.
- Asiatosaurus* Osborn, 1924
 Camarasauridae, Sauropoda
 [*nomen dubium*]
 Genotype: *mongoliensis*.
 Type: A single tooth. AMNH 6264.
 Lower Cretaceous, Oshih Formation—East Asia, Mongolia, Oshih.
- Astrodon* Johnston, 1859
 Camarasauridae, Sauropoda
 [*nomen dubium*]
 Genotype: *johnstoni* Leidy, 1865.
 Type: One tooth. YPM 798.
 Lower Cretaceous, Arundel Formation—North America, Maryland, Prince Georges County, Swampoodle.
- Atlantosaurus* Marsh, 1877
 Camarasauridae, Sauropoda
 [*nomen dubium*]
 Genotype: *montanus*.
 Type: Incomplete sacrum. YPM 1835.
 Upper Jurassic, Morrison Formation—North America, Colorado, Jefferson County, Morrison Sec. 26, T. 4S, R. 70W.
- Aublysodon* Leidy, 1868
 Tyrannosauridae, Carnosauria
 [*nomen dubium*]

- Genotype: *mirandus*.
 Type: Several teeth from the type series of *Deinodon*. ANSP.
 Upper Cretaceous, Judith River Beds—North America, Montana, Chouteau County, Fort Benton.
- Austrosaurus* Longman, 1933
 Cetiosauridae, Sauropoda
 [nomen dubium]
 Genotype: *mckillopi*.
 Type: Six imperfect dorsal vertebrae. Queensland Museum. F2316.
 Lower Cretaceous, Tambo Series (Albian)—Australia, Queensland, Clutha.
- Avalonia* Seeley, 1898
 Melanorosauridae, Prosauropoda
 [preoccupied, Walcott, 1889, = *Avalonianus* Kuhn, 1961]
- Avalonianus* Kuhn, 1961
 Melanorosauridae, Prosauropoda
 [nomen dubium]
 Genotype: *sanfordi* Seeley, 1898.
 Type: A single tooth. BMNH R2869.
 Upper Triassic, Rhaetic—Europe, England, Somerset, Wedmore Hill.
- Avipes* Huene, 1932
 Podokesauridae, Coelurosauria
 [provisionally considered valid]
 Genotype: *dillstedianus*.
 Type: Three incomplete metatarsals. Preussische Geologische Landesanstalt, Berlin.
- Middle Triassic, Lettenkohle—Europe, Germany, Thuringia.
- Bactrosaurus* Gilmore, 1933
 Hadrosauridae, Ornithopoda
 [valid]
 Genotype: *johnsoni*.
 Type: Partial skull, ten dorsal, seven sacral and 36 caudal vertebrae, left scapula, left sternum, both pubes and ischia, left femur, fibula and pes. AMNH 6553.
 Upper Cretaceous, Iren Dabasu Formation—East Asia, Mongolia, Iren Dabasu.
- Bahariasaurus* Stromer, 1934
 Megalosauridae, Carnosauria
 [provisionally considered valid]
 Genotype: *ingens*.
 Type: Two pubes, one ischium, two dorsal and three sacral vertebrae. Probably destroyed. Not at IPHG.
 Upper Cretaceous, Lower Cenomanian—North Africa, Egypt, Baharije Basin.
- Barosaurus* Marsh, 1890
 Diplodocidae, Sauropoda
 [valid]
 Genotype: *lentus*.
 Type: Four cervical, six dorsal, and 19 caudal vertebrae, sacrum, one sternal plate, one scapula, ilium, pubis, ischium, fragments of femur, tibia and fibula. YPM 429.
 Upper Jurassic, Morrison Formation—North America, South Dakota, Meade County, Piedmont, Black Hills.
- Basutodon* Huene, 1932
 Teratosauridae, Carnosauria
 [nomen dubium]
 Genotype: *ferox*.
 Type: A single tooth. National Museum, Bloemfontein.
 Upper Triassic, Stormberg Series, Red Beds—South Africa, Basutoland, Lesotho.
- Betasuchus* Huene, 1932
 Ornithomimidae, Coelurosauria
 [nomen vanum fide D. Russell, 1970]
 Genotype: *bredai*.
 Type: Femur. BMNH 32997.
 Upper Cretaceous, Upper Senonian—Europe, Holland, Maastricht.
- Bothriospondylus* Owen, 1875
 Cetiosauridae, Sauropoda
 [nomen dubium]
 Genotype: *suffosus*.
 Type: Centra of four dorsal vertebrae, BMNH 44592-5, and three sacral vertebrae, BMNH 44589-91.
 Upper Jurassic, Kimeridgean, Kimeridge Clay—Europe, England, Wiltshire, Swindon.
- Brachiosaurus* Riggs, 1903
 Cetiosauridae, Sauropoda
 [valid]
 Genotype: *altithorax*.
 Type: Sacrum, seven presacral and two anterior caudal vertebrae, right humerus, coracoid and femur. FM.
 Upper Jurassic, Morrison Formation—North America, Colorado, Mesa County, Fruita.

Brachyceratops Gilmore, 1914
 Protoceratopsidae, Ceratopsia
 [*Centrosaurus* fide Sternberg, 1940.
 (young animal)]
 Genotype: *montanensis*.
 Type: Considerable portion of a
 disarticulated skull, right dentary and
 prementary. USNM 7951.
 Upper Cretaceous, Two Medicine
 Formation—North America, Montana,
 Glacier County.

Brachylophosaurus Sternberg, 1953
 Hadrosauridae, Ornithopoda
 [valid]
 Genotype: *canadensis*.
 Type: Skull, jaws, cervical and dorsal
 vertebrae, two scapulae, two coracoids,
 two front legs. NMC 8893.
 Upper Cretaceous, Belly River Series,
 Oldman Formation—North America,
 Alberta, Red Deer River, Little
 Sandhill Creek.

Brachypodosaurus Chakravarti,
 1934
 Nodosauridae, Ankylosauria
 [provisionally considered valid]
 Genotype: *gravis*.
 Type: Humerus. IM.
 Upper Cretaceous, Lameta Beds—South
 Asia, India, Jubbulpure.

Brasileosaurus Huene, 1931
 Compsognathidae, Coelurosauria
 [problematic, also referred to Crocodylia]
 Genotype: *pachecoi*.
 Type: Information not available.
 Lower Cretaceous, Lower Senonian—
 South America, Brazil.

Brontosaurus Marsh, 1879
 Camarasauridae, Sauropoda
 [= *Apatosaurus*, fide Riggs, 1903]
 Genotype: *excelsus*.
 Type: Skeleton lacking skull. YPM 1980.
 Upper Jurassic, Morrison Formation—
 North America, Wyoming, Como Bluff,
 Quarry 10, Sec. 12, T. 22N, R. 77W.

Remarks: The type of *Brontosaurus* has
 the muscle scars clearly defined by
 exostosis. The type of *Apatosaurus* is a
 young animal but it is still twenty-five
 percent larger than *Brontosaurus*.
 Both types should be thoroughly

restudied and Riggs determination
 re-evaluated.

Caenognathus Sternberg, R. M.,
 1940
 Caenognathidae, Coelurosauria
 [valid]
 Genotype: *collinsi*.
 Type: Lower jaws. GSC 8776.
 Upper Cretaceous, Belly River Series,
 Oldman Formation—North America,
 Alberta, Steepleville, Sand Creek.
 Remarks: This specimen was originally
 described as a toothless bird, but the
 leading ornithologists have returned
 it to the Reptilia. It has recently been
 returned to the birds (fide Cracraft,
 1971).

Calamosaurus Lydekker, 1891
 Coeluridae, Coelurosauria
 [= *Calamospondylus* = *nomen dubium*]
 Genotype: *foxi*.
 Type: Two cervical vertebrae. BMNH
 R901.
 Lower Cretaceous, Wealden—Europe,
 England, Isle of Wight.

Calamospondylus Lydekker, 1889
 Coeluridae, Coelurosauria
 [*nomen dubium*]
 Genotype: *foxi*.
 Type: Two cervical vertebrae. BMNH
 R901.
 Lower Cretaceous, Wealden—Europe,
 England, Isle of Wight.

Camarasaurus Cope, 1877
 Camarasauridae, Sauropoda
 [valid]
 Genotype: *supremus*.
 Type: One cervical, three dorsal, and
 four caudal vertebrae, AMNH 5760.
 Upper Jurassic, Morrison Formation—
 North America, Colorado, Fremont
 County, Canyon City, Garden Park.
 Remarks: The family *Camarasauridae*
 was established by Cope in 1877 and
 the genus remains the best known
 among spatulate-toothed sauropods.
 Our knowledge of this genus is based
 upon the wealth of material associated
 with the type and three skeletons of
Camarasaurus lentus Marsh.
Camarasauridae should be used
 instead of *Brachiosauridae*.

- Camptonodus* Hoffman, 1880
Iguanodontidae, Ornithopoda
[misspelling of *Camptonotus* =
Camptosaurus]
- Camptonotus* Marsh, 1879
Iguanodontidae, Ornithopoda
[preoccupied = *Camptosaurus* Marsh,
1885]
- Camptosaurus* Marsh, 1885
Iguanodontidae, Ornithopoda
[valid]
Genotype: *dispar* Marsh, 1879.
Type: Seven cervical and first dorsal
vertebrae, both femura, tibia, fibula,
pes and manus. YPM 1877.
Upper Jurassic, Morrison Formation—
North America, Wyoming, Como Bluff,
Quarry 13, Sec. 4, T. 22N, R. 77W.
- Campylodon* Huene, 1929
Camarasauridae, Sauropoda
[preoccupied = *Campylodoniscus* Kuhn,
1961]
- Campylodoniscus* Kuhn, 1961
Camarasauridae, Sauropoda
[valid—to replace *Campylodon* Huene,
1929.]
Genotype: *ameghinoi* Huene, 1929.
Type: Left maxilla with one tooth. MLP.
Upper Cretaceous, Coniacian—South
America, Argentina, Chubut, Sierra
San Bernardo.
- Carchodontosaurus* Stromer, 1931
Megalosauridae, Carnosauria
[provisionally considered valid].
Genotype: *saharicus* Depéret et
Savarnin, 1927.
Type: Two teeth.
Lower Cretaceous, Albian—North Africa,
Algiers, Timiumoun.
Remarks: Stromer had skull fragments
and other bones from Baharije.
- Cardiodon* Owen, 1841
Cetiosauridae, Sauropoda
[*nomen dubium*]
Genotype: *rugulosus*.
Type: One tooth. BMNH R1527.
Middle Jurassic, Upper Bathonian,
Forest Marble—Europe, England,
Wiltshire, Bradford.
- Caudocoelus* Huene, 1932
Coeluridae, Coelurosauria
[*nomen dubium*]
Genotype: *sauvagei*.
Type: One distal caudal vertebra.
Destroyed.
Upper Jurassic, Kimeridgean—Europe,
France, Boulogne.
- Caulodon* Cope, 1877
Camarasauridae, Sauropoda
[= *Camarasaurus* *vide* White, 1958]
Genotype: *diversidens*.
Type: Ten teeth. AMNH 5768.
Upper Jurassic, Morrison Formation—
North America, Colorado, Fremont
County, Canyon City, Garden Park.
- Centrosaurus* Lambe, 1904
Ceratopsidae, Ceratopsia
[valid]
Genotype: *apertus*.
Type: Posterior crest. NMC 971.
Upper Cretaceous, Belly River Series—
North America, Alberta, Steepleville.
- Cetiosauriscus* Huene, 1929
Cetiosauridae, Sauropoda
[= *Cetiosaurus* *vide* Romer, 1956]
Genotype: *leedsi* Hulke, 1877.
Type: Pelvis. BMNH R3078.
Upper Jurassic, Oxfordian, Oxford Clay
—Europe, England, Peterborough.
- Cetiosaurus* Owen, 1841
Cetiosauridae, Sauropoda
[valid]
Genotype: *oxoniensis* Phillips, 1871.
Type: Much of skeleton. UMO.
Middle Jurassic, Bathonian, Great
Oolite—Europe, England, Oxford-
shire, Enslow.
Remarks: Apparently Owen did not
designate a type species for this
genus. In 1888 Lydekker designated
oxoniensis Phillips, 1871 as the type
species and in the absence of earlier
designated types this must stand. After
these many years the type of
Cetiosaurus oxoniensis should be
restudied and compared with the
corresponding bones of *Haplocantho-*
saurus. It is entirely possible that the
two are congeneric.
- Ceratops* Marsh, 1888
Ceratopsidae, Ceratopsia

[*nomen dubium* fide Lull, 1933]

Genotype: *montanus*.

Type: Occipital condyle and a pair of frontal horns. USNM 2411.

Upper Cretaceous, Judith River Formation—North America, Montana, Fergus County, Cow Creek.

Ceratosaurus Marsh, 1884

Megalosauridae, Carnosauria

[valid]

Genotype: *nasicornis*.

Type: Nearly entire skeleton with skull. USNM 4735.

Upper Jurassic, Morrison Formation—North America, Colorado, Fremont County, Canyon City, Garden Park, Sec. 28, T. 17S, R. 70 W.

Chasmosaurus Lambe, 1914

Ceratopsidae, Ceratopsia

[valid]

Genotype: *belli*.

Type: Coalesced parietals. GSC 491.

Upper Cretaceous, Belly River Series—North America, Alberta, Red Deer River, Steepleville.

Cheneosaurus Lambe, 1917

Hadrosauridae, Ornithopoda

[valid]

Genotype: *tolmanensis*.

Type: Skull, limb bones, pelvic arch, and vertebrae. NMC 2246.

Upper Cretaceous, Edmonton Formation, Member B—North America, Alberta, Red Deer River, Tolman Ferry.

Chialingosaurus Young, 1959

Stegosauridae, Stegosauria

[valid]

Genotype: *kuani*.

Type: Six vertebrae, three spines, two coracoids, two humeri, one radius, part of ischium, one femur. IVP AS V2300.

Upper Jurassic—East Asia, China, Szechuan, 200 km. N of Chungking.

Chiayusaurus Bohlin, 1953

Camarasauridae, Sauropoda

[*nomen dubium*]

Genotype: *lacustris*.

Type: Posterior tooth.

Upper Cretaceous, Djadocta equivalent—East Asia, China, W. Kansu, Chia-Yü-Kuan.

Chienkosaurus Young, 1942

Megalosauridae, Carnosauria

[*nomen dubium*]

Genotype: *ceratosauroides*.

Type: Four isolated teeth. IVP AS V237.

Upper Jurassic—East Asia, China, N. Szechuan, Kuangyuan.

Chilantaisaurus Hu, 1964

Megalosauridae, Carnosauria

[valid]

Genotype: *tashnikouensis*.

Type: Right humerus, ungual phalanx, fragmentary ilium, two femora, right fibula, right metatarsals 2, 3, and 4, left metatarsals 3 and 4. IVP AS 2884.

Upper Cretaceous—East Asia, Inner Mongolia, Tashnikou, Chilantai, Alashan.

Chingankousaurus Young, 1958

Tyrannosauridae, Carnosauria

[provisionally considered valid]

Genotype: *fragilis*.

Type: Right scapula. IVP AS 636.

Upper Cretaceous, Wangshih Series—East Asia, China, Shantung, Laiyang Basin.

Chirostenotes Gilmore, 1924

Dromaeosauridae, Coelurosauria

[valid]

Genotype: *pergracilis*.

Type: Right and left manus nearly complete. NMC 2367.

Upper Cretaceous, Belly River Series, Oldman Formation—North America, Alberta, Steepleville, Little Sandhill Creek.

Chondrosteosaurus Owen, 1876

Cetiosauridae, Sauropoda

[*nomen dubium*]

Genotype: *gigas*.

Type: Two centra of posterior cervical vertebrae, BMNH 46869 and 46870.

Lower Cretaceous, Wealden—Europe, England, Isle of Wight (south shore).

Cionodon Cope, 1874

Hadrosauridae, Ornithopoda

[misspelling of *Cionodon*=*nomen dubium*]

- Cionodon* Cope, 1874
Hadrosauridae, Ornithopoda
[*nomen dubium fide* Lull and Wright,
1942]
Genotype: *arctatus*.
Type: Portion of right maxilla, two
dorsal vertebrae, distal end of
metatarsal, distal end of ulna.
AMNH 3951.
Upper Cretaceous, Denver Formation—
North America, Colorado, Lodge
Pole Creek.
- Clarencea* Brink, 1959
Ornithosuchidae, Carnosauria
[valid]
Genotype: *gracilis*.
Type: Information not available.
Bernard Price Institute 288.
Upper Triassic, Stormberg Series, Red
Beds—South Africa.
- Clarenceia* Brink, 1959
Ornithosuchidae, Carnosauria
[= *Clarencea* Brink]
- Cladeiodon* Owen, 1841
Teratosauridae, Carnosauria
[*nomen dubium*]
Genotype: *lloydii*.
Type: A single tooth. Apparently lost.
Upper Triassic, Warwickshire Sandstone
—Europe, England, Warwickshire,
Cotton End Quarry.
- Claderodon* Agassiz, 1846
Teratosauridae, Carnosauria
[misspelling of *Cladeiodon* Owen, 1841]
- Cladyodon* Owen, 1842
Teratosauridae, Carnosauria
[misspelling of *Cladeiodon* Owen, 1841]
- Clorhynchus* Cope, 1892
Hadrosauridae, Ornithopoda
[*nomen dubium fide* Lull and Wright,
1942]
Genotype: *trihedrus*.
Type: Premaxillary tip and
prementary. AMNH 3978.
Upper Cretaceous, Judith River Forma-
tion—North America, Montana, Fergus
County, Judith River.
- Claosaurus* Marsh, 1890
Hadrosauridae, Ornithopoda
[valid]
Genotype: *agilis* Marsh, 1872.

- Type: Skeleton with partial skull.
YPM 1190.
Upper Cretaceous, Niobrara Formation—
North America, Kansas, Smoky Hill
River.
- Clasmodosaurus* Ameghino, 1899
Megalosauridae, Carnosauria
[*nomen dubium*]
Genotype: *spatula*.
Type: Three teeth. MLP.
Upper Cretaceous, Upper Senonian—
South America, Argentina, Santa
Cruz, Rio Suhuén.
- Coelophys* Cope, 1889
Podokesauridae, Coelurosauria
[valid]
Genotype: *bauri* Cope, 1887.
Type: Ilium, sacrum, several vertebrae,
supplemented by twenty skeletons
from the type locality in the AMNH.
Upper Triassic, Chinle, Petrified
Forest Member—North America, New
Mexico, Rio Arriba County,
Arroyo Seco.
- Coelurosaurus* Leidy, 1865
Coeluridae, Coelurosauria
[*nomen dubium*]
Genotype: *antiquus*.
Type: Tibia. ANSP 9222.
Upper Cretaceous, Greensand—North
America, New Jersey, Burlington
County.
- Coeluroides* Huene and Matley,
1933
Coeluridae, Coelurosauria
[*nomen dubium*]
Genotype: *largus*.
Type: Three dorsal vertebrae. IM K27/
562, K27/574, K27/595.
Upper Cretaceous, Lameta Formation—
South Asia, India, Jubbulpure.
- Coelurus* Marsh, 1879
Coeluridae, Coelurosauria
[*nomen dubium*]
Genotype: *fragilis*.
Type: Single dorsal vertebra. YPM 1991.
Upper Jurassic, Morrison Formation—
North America, Wyoming, Como
Bluff, Quarry 13, Sec. 4, T. 22N,
R. 77W.
- Compsognathus* Wagner, 1859
Coeluridae, Coelurosauria

[valid]

Genotype: *longipes*.

Type: Complete skeleton. IPHG ASI 563.

Upper Jurassic, Kimeridgean, Solnhofen Limestone—Europe, Germany, Bavaria, Solnhofen.

Composuchus Huene and Matley, 1933

Coeluridae, Coelurosauria

[*nomen dubium*]

Genotype: *solus*.

Type: Axis. IM K27/578.

Upper Cretaceous, Lameta Formation—South Asia, India, Jubbulpore.

Corythosaurus Brown, 1914

Hadrosauridae, Ornithopoda

[valid]

Genotype: *casuarius*.

Type: Skeleton, lacking forelimbs and end of tail. AMNH 5240.

Upper Cretaceous, Belly River Series, Oldman Formation—North America, Alberta, Steepleville.

Craspedodon Dollo, 1883

Iguanodontidae, Ornithopoda

[*nomen dubium*]

Genotype: *lonzeensis*.

Type: Two teeth. IRSNB 390.

Upper Cretaceous, Santonian—Europe, Belgium, Namur, Lonze.

Crateomus Seeley, 1881

Acanthopholidae, Ankylosauria

[= *Struthiosaurus* *fide* Romer, 1956]

Genotype: *lepidophorous*.

Type: Jaw, scapula-coracoid, ilium, tibia, ulna, radius, vertebrae, and armor.

Geol. Inst. Univ. Vienna.

Upper Cretaceous, Gosau Formation—Europe, Hungary, Siebenbergen.

Craterosaurus Seeley, 1874

Stegosauridae, Stegosauria

[*nomen dubium*]

Genotype: *pottonensis*.

Type: Neural arch of a vertebrae. SM.

Lower Cretaceous, Aptian, Greensand—Europe, England, Potton.

Creosaurus Marsh, 1878

Megalosauridae, Carnosauria

[= *Antrodemus* *fide* Romer, 1956]

Genotype: *atrox*.

Type: Jugal, premaxilla, two sacral, and

one anterior caudal vertebrae, ilium, astragalus, two phalanges, and two claws. YPM 1890.

Upper Jurassic, Morrison Formation—North America, Wyoming, Como Bluff, Quarry 1, Sec. 10, T. 22N, R. 77W.

Cryptodraco Lydekker, 1889

Iguanodontidae, Ornithopoda

[provisionally considered valid]

Genotype: *eumerus* Seeley, 1875.

Type: Right femur. SM.

Upper Jurassic, Oxford Clay—Europe, England, Great Gransden.

Cryptosaurus Seeley, 1875

Iguanodontidae, Ornithopoda

[preoccupied = *Cryptodraco* *fide* Romer, 1956]

Cumnoria Seeley, 1888

Iguanodontidae, Ornithopoda

[= *Camptosaurus* *fide* Romer, 1956]

Genotype: *prestwichi* Hulke, 1880.

Type: Incomplete skeleton and fragmentary skull. UMO.

Upper Jurassic, Kimeridge Clay—Europe, England, Oxfordshire, Cumnor.

Remarks: This specimen should be thoroughly restudied and carefully compared with *Camptosaurus* so that we can have an up-to-date opinion on whether the two are congeneric.

Cumnovia Carus, 1888

Iguanodontidae, Ornithopoda

[misspelling of *Cumnoria* Seeley, 1888]

Dacentrurus Lucas, 1902

Stegosauridae, Stegosauria

[to replace *Omosaurus* Owen, preoccupied]

Genotype: *armatus* Owen, 1875.

Type: Much of skeleton lacking skull. BMNH 46013.

Upper Jurassic, Kimeridge Clay—

Europe, England, Wiltshire, Swindon.

Danubiosaurus Bunzel, 1871

Acanthopholidae, Ankylosauria

[*nomen dubium*]

Genotype: *anceps*.

Type: Fragment of ilium and two rib fragments. Geol. Inst. Univ. Vienna

Upper Cretaceous, Turonian, Gosau Formation—Europe, Hungary, Transylvania, Siebenbergen.

- Daspletosaurus* D. Russell, 1970
Tyrannosauridae, Carnosauria
[valid]
Genotype: *torosus*.
Type: Skull and skeleton lacking hind limbs. NMC 8506.
Upper Cretaceous, Oldman Formation—
North America, Alberta, Steveville.
- Dasygnathoides* Kuhn, 1961
Ornithosuchidae, Carnosauria
[= *Ornithosuchus* *fide* Walker, 1964]
Genotype: *longidens* Huxley, 1877.
Type: Impression of part of maxilla with teeth. EM 1R.
Upper Triassic, Elgin Sandstone—
Europe, Scotland, Findrasse, near Elgin.
- Dasygnathus* Huxley, 1877
Ornithosuchidae, Carnosauria
[= *Ornithosuchus* *fide* Walker, 1964]
Genotype: *longidens*.
Type: Impression of part of maxilla with teeth. EM 1R.
Upper Triassic, Elgin Sandstone—
Europe, Scotland, Findrasse, near Elgin.
- Deinocheirus* Osmolska and Roniewicz, 1967
Dromaeosauridae, Carnosauria
[valid]
Genotype: *mirificus*.
Type: Right and left forelegs and shoulder girdles. Polish Acad. Sci., Warsaw, MGD-1/6.
Upper Cretaceous—East Asia, Mongolia, Gobi Desert.
- Deinodon* Leidy, 1856
Tyrannosauridae, Carnosauria
[*nomen dubium*]
Genotype: *horridus*.
Type: Twelve isolated and fragmentary teeth. ANSP.
Upper Cretaceous, Judith River Beds—
North America, Montana, Chouteau County, Fort Benton, Missouri River.
- Deinonychus* Ostrom, 1969
Dromaeosauridae, Carnosauria
[valid]
Genotype: *antirrhopus*.
Type: Complete left pes and incomplete right pes. YPM 5205.
Lower Cretaceous, Cloverly Formation—
North America, Montana, Carbon County, Sec. 17, T. 7S, R. 24E.
- Diceratops* Lull, 1905
Ceratopsidae, Ceratopsia
[= *Triceratops* *fide* Lull, 1933]
Genotype: *haicheri*
Type: Skull without lower jaws. USNM 2412.
Upper Cretaceous, Lance Formation—
North America, Wyoming, Converse County.
- Diclonius* Cope, 1876
Hadrosauridae, Ornithopoda
[*nomen dubium*]
Genotype: *pentagonus*.
Type: Teeth that have been lost.
Upper Cretaceous, Judith River Formation—North America, Montana, Fergus County, 4 mi. E. of Judith River.
- Dicraeosaurus* Janensch, 1914
Diplodocidae, Sauropoda
[valid]
Genotype: *hansemanni*.
Type: Vertebrae from second cervical to nineteenth caudal, pelvis, and hind limbs. Humboldt Mus., E. Berlin.
Upper Jurassic, Tendaguru Formation—
East Africa, Tanzania, Tendaguru, Kindope.
- Didanodon* Osborn, 1902
Hadrosauridae, Ornithopoda
[= *Procheneosaurus* *fide* Lull and Wright, 1942]
Genotype: *altidens* Lambe, 1902.
Type: Left maxilla with teeth. GSC 1092.
Upper Cretaceous, Belly River Series—
North America, Alberta, Red Deer River.
- Dilophosaurus* Welles, 1970
Megalosauridae, Carnosauria
[valid]
Genotype: *wetherilli* Welles, 1954.
Type: Nearly complete skeleton of a juvenile. UCMP 37302.
Lower Jurassic, Kayenta Formation, lower beds—North America, Arizona, Coconino County, near Tuba City.
- Dimodosaurus* Pidancet and Chopard, 1863
Plateosauridae, Prosauropoda
[= *Plateosaurus* *fide* Huene, 1907]

Genotype: *polignensis*.

Type: Remains of five individuals.
Museum de Poligny.

Upper Triassic, Rhaetic, lower half of
contorta-zone—Europe, France, Jura,
Poligny.

Dinodocus Owen, 1884

Cetiosauridae, Sauropoda
[*nomen dubium*]

Genotype: *mackesoni*.

Type: Series of broken limb and pelvic
bones. BMNH 14695.

Lower Cretaceous, Aptian, Lower Green-
sand—Europe, England, Kent, Hythe.

Dinodon Cope, 1866

Tyrannosauridae, Carnosauria
[misspelling of *Deinodon* Leidy]

Dinosaurus Rutimeyer, 1856

Teratosauridae, Carnosauria
[= *Gresslyosaurus* *fide* Romer, 1956]
Genotype: *gresslyi*.

Type: Three sacral and four caudal
vertebrae, proximal end of tibia,
metacarpal, distal end of metatarsal,
claw. Naturhistorisches Museum,
Basel.

Upper Triassic, Keuper, Knollenmergel
—Europe, Switzerland, Liestal bei
Basel.

Diplodocus Marsh, 1878

Diplodocidae, Sauropoda
[valid]

Genotype: *longus*.

Type: Several midcaudal vertebrae.

YPM 1920. Supplemented by a skull
and most of skeleton collected from
same locality.

Upper Jurassic, Morrison Formation—
North America, Colorado, Fremont
County, Canyon City, Garden Park,
Sec. 28, T. 17S, R. 70W.

Diracodon Marsh, 1881

Stegosauridae, Stegosauria
[= *Stegosaurus* *fide* Romer, 1956]

Genotype: *laticeps*.

Type: Two imperfect maxillae. YPM
1885.

Upper Jurassic, Morrison Formation—
North America, Wyoming, Como
Bluff, Quarry 13, Sec. 4, T. 22N,
R. 77W.

Dolichosuchus Huene, 1932

Podokosauridae, Coelurosauria
[*nomen dubium*]

Genotype: *cristatus*.

Type: Left tibia. BMNH 38058.

Upper Triassic, Upper Keuper,
Stubensandstein—Europe, Germany,
Wuerttemberg.

Doryphorosaurus Nopcsa, 1916

Stegosauridae, Stegosauria
[proposed for *Kentrosaurus* which was
thought to be preoccupied. = *nomen
nudum*]

Dromaeosaurus Matthew and
Brown, 1922

Dromaeosauridae, Carnosauria
[valid]

Genotype: *albertensis*.

Type: Partial skull with lower jaws,
hyoids and associated footbones.
AMNH 5356.

Upper Cretaceous, Belly River Series,
Oldman Formation—North America,
Alberta, Red Deer River, Steeveville.

Dromiceiomimus Russell, 1972

Ornithomimidae, Coelurosauria
[valid]

Genotype: *brevitertius* Parks, 1926.

Type: Sacrum and adjacent caud. verte-
brae, several distal caudals, pelvis,
both hind legs; ROM 797.

Upper Cretaceous, late Campanian,
Edmonton Formation, member A—
North America, southern Alberta,
Red Deer River.

Dromicosaurus Hoepen, 1920

Thecodontosauridae, Prosauropoda
[valid]

Genotype: *gracilis*.

Type: Pubes, ischia, femur, tibia, fibula,
foot bones, fragments of humerus and
radius, a cervical vertebra, and a few
caudal vertebrae. TrM.

Upper Triassic, Stormberg Series, Red
Beds—South Africa, Orange Free
State, Bethlehem.

Dryosaurus Marsh, 1894

Iguanodontidae, Ornithopoda
[valid]

Genotype: *altus* Marsh, 1878.

Type: Tooth, pelvis, and hind leg.

YPM 1876.

Upper Jurassic, Morrison Formation—
North America, Wyoming, Como
Bluff, Quarry 5, Sec. 17, T. 22N, R.
77W.

Dryptosauroides Huene and Matley,
1933

Megalosauridae, Carnosauria

[*nomen dubium*]

Genotype: *grandis*.

Type: Six dorsal vertebrae. IM K20/334,
K20/609, K27/549, K27/601,
K27/626, K27/602.

Upper Cretaceous, Lameta Formation—
South Asia, India, Jubbulpure.

Dryptosaurus Marsh, 1877

Tyrannosauridae, Carnosauria

[valid]

Genotype: *aquilunguis* Cope, 1866.

Type: Portions of jaws, teeth, and
skeleton, dorsal and caudal vertebrae,
two tibiae, astragalus, metatarsals and
phalanges. ANSP 9995.

Upper Cretaceous, Greensand—North
America, New Jersey, Gloucester
County, Barsborough.

Dynamosaurus Osborn, 1905

Tyrannosauridae, Carnosauria

[= *Tyrannosaurus* *vide* Osborn, 1906]

Genotype: *imperiosus*.

Type: Lower jaws and parts of the
skeleton. AMNH 5866.

Upper Cretaceous, Lance Formation—
North America, Wyoming, Weston
County.

Dyoplosaurus Parks, 1924

Nodosauridae, Ankylosaurus

[valid]

Genotype: *acutisquameus*.

Type: Fragmentary skull and posterior
part of axillary skeleton. ROM 784.

Upper Cretaceous, Belly River Series,
Oldman Formation—North America,
Alberta, Steepleville.

Dysalatosaurus Pompeckj, 1920

Iguanodontidae, Ornithopoda

[valid]

Genotype: *lettow-vorbecki*.

Type: Skeleton. Humboldt Museum,
E. Berlin.

Upper Jurassic, Kimeridgean, Tendaguru

Formation—East Africa, Tanzania,
Tendaguru, Kindope.

Dysganus Cope, 1876

Ceratopsidae, Ceratopsia

[*nomen dubium*]

Genotype: *encaustus*.

Type: A single tooth. AMNH 5739.

Upper Cretaceous, Judith River
Formation—North America, Montana,
Fergus County, Judith River,
Dog Creek.

Dystrophaeus Cope, 1877

Camarasauridae, Sauropoda

[*nomen dubium*]

Genotype: *viamalae*.

Type: Radius, ulna, metacarpals, part of
pubis. USNM 2364.

Upper Jurassic, Morrison Formation—

North America, Utah, Wayne County,
Painted Canyon, Lat. 38° 15' N. Long.
110° W.

Echinodon Owen, 1861

Stegosauridae, Stegosauria

[= *Saurechinodon* *vide* Romer, 1956]

Genotype: *becklesi*.

Type: Two fragments of maxillae and
two imperfect dentaries. BMNH
48209-12.

Upper Jurassic, Purbeckian—Europe,
England, Isle of Purbeck.

Edmontonia Sternberg, 1928

Nodosauridae, Ankylosauria

[valid]

Genotype: *longiceps*.

Type: Skull, right jaw, vertebral column,
pelvis, forelimb, hindlimb. NMC 8531.

Upper Cretaceous, Edmonton Formation,
Member A—North America, Alberta,
Red Deer River, Morrin.

Edmontosaurus Lambe, 1917

Hadrosauridae, Ornithopoda

[valid]

Genotype: *regalis*.

Type: Skull and jaws, vertebrae to 6th
caudal, hind limb, humerus, two
pubes, one ischium, right ilium. NMC
2288.

Upper Cretaceous, Edmonton Formation,
Member A—North America, Alberta,
Red Deer River, Three Hills Creek.

Elaphrosaurus Janensch, 1920
Coeluridae, Coelurosauria
[valid]
Genotype: *bambergi*.
Type: Numerous skeletal elements and associated teeth. Humboldt Museum, E. Berlin.
Upper Jurassic, Tendaguru Formation—East Africa, Tanzania, Tendaguru.

Elosaurus Peterson and Gilmore, 1902.
Camarasauridae, Sauropoda.
[*nomen dubium* (a very young animal)]
Genotype: *parvus*.
Type: Scapula, two humeri, ulna, femur, tibia, distal end of right pubis.
CM 566.
Upper Jurassic, Morrison Formation—North America, Wyoming, Albany County, Freezeout Hills.

Embasauros Riabinin, 1931
Megalosauridae, Carnosauria
[*nomen dubium*]
Genotype: *minax*.
Type: Two vertebrae.
Lower Cretaceous, Neocomian Sands—West Asia, Transcasian Steppes, Mt. Koi-Kara.

Eoceratops Lambe, 1915
Ceratopsidae, Ceratopsia
[valid]
Genotype: *canadensis*.
Type: Right half of skull and right lower jaw. GSC 1254.
Upper Cretaceous, Belly River Series—North America, Alberta, Red Deer River, Steepleville.

Empaterius Cope, 1878
Megalosauridae, Carnosauria
[*nomen dubium*]
Genotype: *amplexus*.
Type: Axis, two dorsal vertebrae, coracoid, and fragmentary limb bones. AMNH 5767.
Upper Jurassic, Morrison Formation—North America, Colorado, Fremont County, Canyon City, Garden Park.

Erectopus Huene, 1923
Megalosauridae, Carnosauria
[provisionally considered valid]
Genotype: *superbus* Sauvage, 1882.

Type: Femur, tibia, metatarsals.
Lower Cretaceous, Albian—Europe, North France, Ardennes, Bois de la Panthiere.

Eucamerotus Hulke, 1872
Cetiosauridae, Sauropoda
[*nomen dubium*]
Genotype: No specific name proposed.
Type: Vertebral neural arch. SM.
Lower Cretaceous, Wealden—Europe, England, Isle of Wight.

Eucercosaurus Seeley, 1879
Iguanodontidae, Ornithopoda
[*nomen dubium*]
Genotype: *tanysspondylus*.
Type: A few vertebrae. SM.
Lower Cretaceous, Cambridge Greensand—Europe, England, Cambridge.

Eucnemesaurus Hoepen, 1920
Melanorosauridae, Prosauropoda
[*nomen dubium*]
Genotype: *fortis*.
Type: Proximal end of femur, tibia, proximal part of pubis, a few dorsal and caudal vertebrae. TrM.
Upper Triassic, Stormberg Series, Red Beds—South Africa, Orange Free State, Slabberts.

Euhelopus Romer, 1956
Camarasauridae, Sauropoda
[to replace *Helopus* Wiman, preoccupied]
Genotype: *zdanskyi* Wiman, 1929.
Type: Two partial skeletons that supplement each other.
Lower Cretaceous, Meng Yin Series, lower part—East Asia, China, Shantung, 40 li NW of Meng-Yin-Hsien.

Euoplocephalus Lambe, 1910
Nodosauridae, Ankylosauria
[valid]
Genotype: *tutus* Lambe, 1902.
Type: Upper part of cranium, transverse series of 5-keeled scutes. NMC 210.
Upper Cretaceous, Belly River Series—North America, Alberta, Steepleville.

Euscelosaurus Zittel, 1890
Melanorosauridae, Prosauropoda
[misspelling of *Euskelosaurus* Huxley, 1866]

- Euscelosaurus* Lydekker, 1890
Melanorosauridae, Prosauropoda
[misspelling of *Euskelosaurus* Huxley, 1866]
- Euscelesaurus* Lydekker, 1890
Melanorosauridae, Prosauropoda
[misspelling of *Euskelosaurus* Huxley, 1866]
- Euskelesaurus* Huxley, 1867
Melanorosauridae, Prosauropoda
[misspelling of *Euskelosaurus* Huxley, 1866]
- Euskelosaurus* Huxley, 1866
Melanorosauridae, Prosauropoda
[provisionally considered valid]
Genotype: *browni*.
Type: Femur, tibia, fibula, pubis and fragmentary vertebrae. BMNH R1625.
Upper Triassic, Stormberg Series, Base of Red Beds—South Africa, Cape Province, Kraai River.
- Eustreptospondylus* Walker, 1964
Megalosauridae, Carnosauria
[valid]
Genotype: *oxoniensis*.
Type: Skeleton, UMO J13558.
Middle Jurassic, Upper Callovian, Middle Oxford Clay—Europe, England, near Oxford.
- Fabrosaurus* Ginsburg, 1964
Scelidosauridae, Stegosauria
[valid]
Genotype: *australis*.
Type: Incomplete right lower jaw.
Upper Triassic, Stormberg Series, Red Beds—South Africa, Basutoland.
- Fulgurotherium* Huene, 1932
Coeluridae, Coelurosauria
[provisionally considered valid]
Genotype: *australe*.
Type: Femur. BMNH 3719.
Lower Cretaceous, Aptian—Australia, New South Wales.
- Gallimimus* Osmolska, Roniewicz & Barsbold, 1972
Ornithomimidae, Coelurosauria
[valid]
Genotype: *bullatus*.
Type: Complete skeleton. Geol. Inst. Acad. Sci., Mongolian People's Republic, DPS 100/11.
- Upper Cretaceous, Maestrichtian, upper Nemegt beds—East Asia, Mongolia, Gobi Desert, Nemegt Basin.
- Genyodectes* Woodward, 1901
Tyrannosauridae, Carnosauria
[valid]
Genotype: *serus*.
Type: Partial skull with lower jaws. MLP.
Upper Cretaceous, Upper Senonian—South America, Argentina, Chubut, Cañadon Grande.
- Geranosaurus* Broom, 1911
Hypsilophodontidae, Ornithopoda
[valid]
Genotype: *atavus*.
Type: Fragmentary skull, lower jaws, tibia, fibula, and partial foot. SAFM 1871.
Upper Triassic, Stormberg Series, Base of Cave Sandstone—South Africa, Cape Province, Barkley Pass.
- Gigantosaurus* Fraas (non Seeley), 1908
Diplodocidae, Sauropoda
[= *Torniera* Sternfeld, 1911]
Genotype: *robusta* Fraas, 1908.
Type: Second caudal and a midcaudal vertebrae, right ischium, right femur, and right tibia.
Upper Jurassic, Kimeridgean, Tendaguru Formation—East Africa, Tanzania, Tendaguru.
- Gigantosaurus* Seeley (non Fraas), 1869
Cetiosauridae, Sauropoda
[*nomen dubium*]
Genotype: *megalonyx*.
Type: Fibula and terminal phalanx. BMNH 32498-99.
Upper Jurassic, Kimeridgean, Kimeridge Clay—Europe, England, Cambridge-shire, Ely.
- Gigantoscelus* Hoepen, 1916
Melanorosauridae, Prosauropoda
[*nomen dubium*]
Genotype: *molengraaffi*.
Type: Distal end of femur. TrM.
Upper Triassic, Stormberg Series, Bushveld Sandstone—South Africa, Transvaal, Haakdoornbult.

Gorgosaurus Lambe, 1914
Tyrannosauridae, Carnosauria
[= *Albertosaurus* fide D. Russell, 1970]
Genotype: *libratus*.
Type: Nearly entire skeleton. NMC 2120.
Upper Cretaceous, Oldman Formation
—North America, Alberta, near
Steveville.

Gresslyosaurus Rüttimeyer, 1857
Teratosauridae, Carnosauria
[*nomen dubium*]
Genotype: *ingens*.
Type: Sacrum, four caudal vertebrae,
proximal end of tibia, partial foot.
Naturhistorisches Museum, Basel.
Upper Triassic, Keuper, Knollenmergel
—Europe, Switzerland, Basel.

Gryponyx Broom, 1911
Thecodontosauridae, Prosauropoda
[valid]
Genotype: *africanus*.
Type: Pelvis, hind limbs, right and left
manus, and vertebrae. SAFM 3357,
3358, 3359.
Upper Triassic, Stormberg Series, top of
Red Beds—South Africa, Orange Free
State, Fouriesburg.

Gryposaurus Lambe, 1914
Hadrosauridae, Ornithopoda
[= *Kritosaurus* Brown, 1910]
Genotype: *notabilis*.
Type: Skull, jaws, vertebrae, pectoral
girdle, pelvis, one hind leg. NMC 2278.
Upper Cretaceous, Belly River Series,
Oldman Formation—North America,
Alberta, Belly River.

Gyposaurus Broom, 1911
Thecodontosauridae, Prosauropoda
[valid]
Genotype: *capensis*.
Type: Partial skeleton in a slab of sand-
stone. SAFM 990.
Upper Triassic, Stormberg Series, Cave
Sandstone—South Africa, Orange Free
State, Ladybrand.

Gwyneddosaurus Bock, 1945
[uncertain position—has been referred to
the Coelurosauria and Protosauria]
Genotype: *erici*.
Type: Poorly preserved skeleton.
ANSP 15072.

Upper Triassic, Lockatong Formation—
North America, Pennsylvania.

Hadrosaurus Leidy, 1858
Hadrosauridae, Ornithopoda
[valid]
Genotype: *foulkii*.
Type: Mandibular teeth, 28 vertebrae,
humerus, radius, ulna, ilium, ischium,
femur, tibia, fibula and two
metatarsals. ANSP 10005.
Upper Cretaceous, Monmouth, Wood-
bury Formation—North America, New
Jersey, Haddonfield.

Hallopus Marsh, 1881
Hallopodidae, Coelurosauria
[removed to Crocodilia, Walker, 1970]

Halticosaurus Huene, 1908
Procompsognathidae, Coelurosauria
[valid]
Genotype: *longotarsus*.
Type: Fragmentary skeleton. SMNS.
Upper Triassic, Stubensandstein—
Europe, Germany, Halberstadt.

Haplocanthus Hatcher, 1903
Cetiosauridae, Sauropoda
[preoccupied = *Haplocanthosaurus*
Hatcher, 1903]

Haplocanthosaurus Hatcher, 1903
Cetiosauridae, Sauropoda
[valid]
Genotype: *priscus*.
Type: Dorsal, sacral and caudal verte-
brae, pelvis, scapula-coracoid, femur.
CM 572.
Upper Jurassic, Morrison Formation—
North America, Colorado, Fremont
County, Canyon City, Garden Park,
Sec. 28, T. 17S, R. 70W.

Hecatosaurus Brown, 1910
Hadrosauridae, Ornithopoda
[= *Telmatosaurus* Nopcsa, 1903]
Genotype: *transylvanicus* Nopcsa, 1900.
Type: Skull.
Upper Cretaceous, Turonian, Gosau
Formation—Europe, Hungary,
Transylvania.

Heishansaurus Bohlin, 1953
Nodosauridae, Ankylosauria
[valid]
Genotype: *pachycephalus*.
Type: Skull, skeleton and dermal armor.

Upper Cretaceous, Djadocta equivalent—
East Asia, China, West Kansu,
Chia-Yu-Kuan.

Helopus Wiman, 1929

Camarasauridae, Sauropoda
[preoccupied = *Euhelopus* Romer, 1956]
Genotype: *zdanskyi*.

Type: Two partial skeletons that supplement each other.

Lower Cretaceous, Meng Yin Series,
lower part—East Asia, China, Shan-
tung, Meng Yin.

Herrerasaurus Reig, 1963

Plateosauridae, Prosauropoda
[valid]
Genotype: *ischigualastensis*.

Type: Incomplete remains of 5
individuals.

Middle Triassic, Ladinian, Ischigualasto
Formation—South America, Argentina,
San Juan and La Rioja.

Heterodontosaurus Crompton and
Charig, 1962

Hypsilophodontidae, Ornithopoda
[valid]
Genotype: *tucki*.

Type: Nearly complete skull, lower jaw
and partial skeleton. SAFM K337.

Upper Triassic, Stormberg Series, Cave
Sandstone—South Africa, Cape
Province, Herschel district.

Hierosaurus Wieland, 1909

Nodosauridae, Ankylosauria
[provisionally considered valid]
Genotype: *sternbergii*.

Type: Nearly 70 dermal elements.
YPM 1847.

Upper Cretaceous, Niobrara Formation—
North America, Kansas, Logan
County.

Hoplitosaurus Lucas, 1902

Nodosauridae, Ankylosauria
[*nomen dubium* fide Ostrom, 1970]
Genotype: *marshi* Lucas, 1901.

Type: Right femur, proximal half of left
humerus, distal half of right humerus,
right scapula-coracoid, numerous
dermal plates. USNM 4752.

Lower Cretaceous, Lakota Formation—
North America, South Dakota, Custer
County, Buffalo Gap, Calico Canyon.

Hoplosaurus Lydekker, 1890

Cetiosauridae, Sauropoda
[*nomen dubium*]

Genotype: *armatus* Gervais, 1852.

Type: A single tooth. BMNH R964.
Lower Cretaceous, Wealden—Europe,
England, Isle of Wight.

Hortalotarsus Seeley, 1894

Thecodontosauridae, Prosauropoda
[*nomen dubium*]

Genotype: *skirtopodus*.

Type: Fragment of a hind limb. Albany
Museum, South Africa.

Upper Triassic, Stormberg Series, Cave
Sandstone—South Africa, Cape
Province, Barkley East.

Hylaeosaurus Mantell, 1833

Acanthopholidae, Ankylosauria
[valid]

Genotype: *oweni*.

Type: Base of skull, 10 anterior verte-
brae, two coracoids, two distal parts of
scapulae, loose vertebrae, several ribs
and dermal spines. BMNH 3775.

Lower Cretaceous, Wealden—Europe,
England, Sussex, Tilgate Forest.

Hylasaurus Fitzinger, 1843

Acanthopholidae, Ankylosauria
[misspelling of *Hylaeosaurus* Mantell,
1833]

Hypacrosaurus Brown, 1913

Hadrosauridae, Ornithopoda
[valid]

Genotype: *altispinus*.

Type: Last eight dorsal and two anterior
caudal vertebrae, two ilia, right
ischium, right pubis, several ribs.
AMNH 5204.

Upper Cretaceous, Edmonton Formation,
Member B—North America, Alberta,
Tolman Ferry.

Hypselorhachis Charig (in Harland
et al), 1967

Spinosauridae, I.s., Carnosauria
[*nomen nudum*]

Genotype: *mirabilis*.

Type: Single vertebra with very long
neural spine.

Middle Triassic, Anisian, Manda Forma-
tion—East Africa, Tanzania, Ruhuhu
Basin.

Hypselosaurus Matheron, 1869
 Diplodocidae, Sauropoda
 [provisionally considered valid]
 Genotype: *priscus*.
 Type: Femur. MNHN.
 Upper Cretaceous, Maestrichtian—
 Europe, France, Provence, Rognac.

Hypsibema Cope, 1870
 Hadrosauridae, Ornithopoda
 [*nomen dubium* fide Lull and
 Wright, 1942]
 Genotype: *crassicauda*.
 Type: Caudal centrum, distal end of
 humerus, tibial shaft, and a metatarsal.
 USNM 7189.
 Upper Cretaceous, Black Creek Forma-
 tion—North America, North Carolina,
 Sampson County.

Hypsilophodon Huxley, 1870
 Hypsilophodontidae, Ornithopoda
 [valid]
 Genotype: *foxi*.
 Type: Imperfect skull and mandible.
 BMNH R197.
 Lower Cretaceous, Wealden—Europe,
 England, Isle of Wight, Cowleaze
 Chine.

Hypsirophus Cope, 1878
 Stegosauridae, Stegosauria
 [*nomen dubium*]
 Genotype: *discursus*.
 Type: A number of dorsal and caudal
 vertebrae. AMNH 5731.
 Upper Jurassic, Morrison Formation—
 North America, Colorado, Fremont
 County, Canyon City, Garden Park.

Iguanodon Mantell, 1825
 Iguanodontidae, Ornithopoda
 [valid]
 Genotype: *anglicum* Holl, 1829.
 Type: Teeth. BMNH 2392.
 Lower Cretaceous, Wealden—Europe,
 England, Kent.

Iguanosaurus Ritgen, 1828
 Iguanodontidae, Ornithopoda
 [= *Iguanodon* fide Romer, 1956]

Iliosuchus Huene, 1932
 Megalosauridae, Carnosauria
 [= *Megalosaurus* fide Romer, 1956]
 Genotype: *incognitus*.
 Type: Ilium. BMNH R83.

Middle Jurassic, Bathonian, Great
 Oolite—Europe, England, Stonesfield.

Indosaurus Huene and Matley, 1933
 Megalosauridae, Carnosauria
 [provisionally considered valid]
 Genotype: *matleyi*.
 Type: Braincase including most of
 frontals. IM K27/565.
 Upper Cretaceous, Lameta Formation—
 South Asia, India, Jubbulpure.

Indosuchus Huene and Matley 1933
 Tyrannosauridae, Carnosauria
 [provisionally considered valid]
 Genotype: *raptorius*.
 Type: Frontal region of skull consisting
 of frontals, parts of prefrontals, and
 parts of parietals. IM K20/350.
 Upper Cretaceous, Lameta Formation—
 South Asia, India, Jubbulpure, Bara
 Simla Hill.

Inosaurus Lapparant, 1960
 Megalosauridae, Carnosauria
 [*nomen dubium*]
 Genotype: *tedreftensis*.
 Type: One caudo-sacral, one anterior
 caudal, and one midcaudal, vertebra.
 Lower Cretaceous, Continental Intercal-
 aire—Africa, Sahara Central, Niger,
 In Abangarit.

Ischisaurus Reig, 1963
 Plateosauridae, Prosauropoda
 [valid]
 Genotype: *cattoi*.
 Type: Skull fragments, parts of maxillae,
 premaxillae, lower jaws, limb and
 girdle elements, and vertebrae.
 Middle Triassic, Ischigualasto Forma-
 tion—South America, Argentina, San
 Juan province.

Ischyrosaurus Hulke, 1874
 Cetiosauridae, Sauropoda
 [*nomen dubium*]
 Genotype: *manseli*.
 Type: Left humerus, lacking deltoid
 crest. BMNH 41626.
 Upper Jurassic, Kimeridge Clay—Europe,
 England, Dorsetshire, Kimeridge Bay.

Jaxartosaurus Riabinin, 1939
 Hadrosauridae, Ornithopoda
 [valid]
 Genotype: *aralensis*.
 Type: Posterior part of skull, several

- vertebrae, and limb bones.
PEN AN SSR 1/5009.
Upper Cretaceous, Cenomanian-Turonian
—Central Asia, Kazakstan, Sary-Agach
RR Station.
Jubbulpuria Huene and Matley, 1933
Coeluridae, Coelurosauria
[*nomen dubium*]
Genotype: *tenuis*.
Type: Two dorsal vertebrae. IM K27/614,
K20/612.
Upper Cretaceous, Lameta Formation—
South Asia, India, Jubbulpure, Bara
Simla Hill.
Kangnasaurus Houghton, 1915
Iguanodontidae, Ornithopoda
[*nomen dubium*]
Genotype: *coetzeei*.
Type: Tooth. SAFM 2732.
Cretaceous—South Africa, Bushmanland,
Farm Kangnas.
Kentrosaurus Hennig, 1915
Stegosauridae, Stegosauria
[valid]
Genotype: *aethiopicus*.
Type: Nearly entire skeleton.
Upper Jurassic, Tendaguru Formation—
East Africa, Tanzania, Kindope.
Kentrurosaurus Hennig, 1917
Stegosauridae, Stegosauria
[= *Kentrosaurus* *fide* Romer, 1956]
Kladeistereodon Pleininger, 1846
Teratosauridae, Carnosauria
[misspelling of *Cladeiodon* Owen, 1841]
Kladyodon Pleininger, 1846
Teratosauridae, Carnosauria
[misspelling of *Cladeiodon* Owen, 1841]
Kritosaurus Brown, 1910
Hadrosauridae, Ornithopoda
[valid]
Genotype: *navajovius*.
Type: Skull lacking rostrum and lower
jaws. AMNH 5799.
Upper Cretaceous, Kirtland Formation—
North America, New Mexico, San Juan
County, near Ojo Alamo.
Labrosaurus Marsh, 1879
Megalosauridae, Carnosauria
[= *Antrodemus* *fide* Romer, 1956]
Genotype: *lucaris* Marsh, 1878.
Type: Several cervical, six dorsal and
two sacral vertebrae, two humeri, parts
of radius and ulna, scapula-coracoid,
one phalanx. YPM 1931.
Upper Jurassic, Morrison Formation—
North America, Wyoming, Como
Bluff, Quarry 3, Sec. 11, T. 22N,
R. 77W.
Laelaps Cope, 1866
Tyrannosauridae, Carnosauria
[preoccupied = *Dryptosaurus* Marsh,
1877]
Genotype: *aguilunguis*.
Type: Portions of jaws with teeth, dorsal
and caudal vertebrae, two tibiae,
astragalus, metatarsals and
phalanges. ANSP.
Upper Cretaceous, Greensand—North
America, New Jersey, Gloucester
County, Barsborough.
Laevisuchus Huene and Matley, 1933
Coeluridae, Coelurosauria
[*nomen dubium*]
Genotype: *indicus*.
Type: Three cervical vertebrae.
IM K20/613, K20/614, K27/696.
Upper Cretaceous, Lameta Formation—
South Asia, India, Jubbulpure, Bara
Simla Hill.
Lambeosaurus Parks, 1923
Hadrosauridae, Ornithopoda
[valid]
Genotype: *lambei*.
Type: Skull and right lower jaw.
GSC 1218.
Upper Cretaceous, Belly River Series—
North America, Alberta, Red Deer
River, Little Sandhill Creek.
Lametasaurus Matley, 1923
Nodosauridae, Ankylosauria
[provisionally considered valid]
Genotype: *indicus*.
Type: About 5000 scutes of
Hoplitosaurus-type (*fide* Walker,
1964). 1M.
Upper Cretaceous, Lameta Formation—
South Asia, India, Jubbulpure.
Laosaurus Marsh, 1878
Hypsilophodontidae, Ornithopoda
[*nomen dubium*]
Genotype: *celer*.
Type: Two complete vertebral centra and
nine half centra. YPM 1874.

- Upper Jurassic, Morrison Formation—
North America, Wyoming, Como
Bluff, Quarry 9?
Laplatasaurus Huene, 1928
Diplodocidae, Sauropoda
[valid]
Genotype: *araukanicus*.
Type: Ten caudal vertebrae, scapula-
coracoid, sternal plates, humerus,
radius, ulna, manus, ilium, tibia. MLP.
- Upper Cretaceous, Senonian—South
America, Argentina, Neuquén.
Leipsanosaurus Nopcsa, 1918
Acanthopholidae, Ankylosauria
[*nomen dubium*]
Genotype: *noricus*.
Type: A single tooth.
- Upper Cretaceous, Turonian, Gosau
Formation—Europe, Hungary,
Transylvania.
Lepanosaurus Romer et al, 1962
Acanthopholidae, Ankylosauria
[= misspelling of *Leipsanosaurus*
Nopcsa, 1918]
Leptoceratops Brown, 1914
Protoceratopsidae, Ceratopsia
[valid]
Genotype: *gracilis*.
Type: Parts of skull and jaws, caudal
vertebrae, complete front limb, parts
of hind limbs. AMNH 5205.
- Upper Cretaceous, Edmonton Formation
—North America, Alberta, Tolman
Ferry.
Leptospondylus Owen, 1853
Thecodontosauridae, Prosauropoda
[*nomen dubium* *vide* Broom, 1911]
Genotype: *capensis*.
Type: Imperfect vertebra. RCS.
Destroyed.
- Upper Triassic, Stormberg Series, Red
Beds—South Africa, Harrismith,
Beaucherf.
Lexovisaurus Hoffstetter, 1957
Stegosauridae, Stegosauria
[valid]
Genotype: *durobrivensis* Hulke, 1887.
Type: Part of pelvis, vertebral centra,
left femur, dermal armor including
spikes and plates. BMNH R1989.
- Middle Jurassic, Callovian—Europe,
England, Peterborough.
Limnosaurus Nopcsa, 1900
Hadrosauridae, Ornithopoda
[preoccupied = *Telmatosaurus* Nopcsa,
1903]
Genotype: *transylvanicus*.
Type: Skull.
- Upper Cretaceous, Turonian, Gosau
Formation—Europe, Hungary,
Transylvania.
Loncosaurus Ameghino, 1899
Coeluridae, Coelurosauria
[provisionally considered valid]
Genotype: *argentinus*.
Type: Femur. MLP.
- Upper Cretaceous, Upper Senonian—
South America, Argentina, Santa
Cruz, Rio Sehuén.
Lophorhthothon Langston, 1960
Hadrosauridae, Ornithopoda
[valid]
Genotype: *alopus*.
Type: Partial skeleton with skull.
FM P27383.
- Upper Cretaceous, Campanian, Selma
Chalk—North America, Alabama,
Dallas County, 10 mi. W of Selma.
Loricosaurus Huene, 1929
Nodosauridae, Ankylosauria
[provisionally considered valid]
Genotype: *scutatus*.
Type: Twenty-six dermal ossifications.
MLP.
- Upper Cretaceous, Upper Senonian—
South America, Argentina, Rio Negro,
Cinco Saltos.
Lufengosaurus Young, 1941
Plateosauridae, Prosauropoda
[valid]
Genotype: *huenei*.
Type: Nearly entire skeleton.
GSC V15 LVP.
- Upper Triassic, Lufeng Series, Purplish
Beds—East Asia, China, Yunnan,
Lufeng.
Lukosaurus Young, 1948
Procompsognathidae, Coelurosauria
[valid]
Genotype: *yini*.
Type: Anterior part of skull and jaws.
IVP AS V23.
- Upper Triassic, Lower Lufeng Series,
Dark Red Beds—East Asia, China,
Yunnan, Lufeng, Huangchiatien.

- Lusitanosaurus* Lapparent and Zbyszewski, 1957
 Scelidosauridae, Stegosauria
 [valid]
 Genotype: *liasicus*.
 Type: Left maxilla. Univ. Lisbon.
 Lower Jurassic, Lias, Sinemurian—
 Europe, Portugal, Saõ Pedro de Muel.
- Lycorhinus* Houghton, 1924
 Heterodontosauridae, Ornithopoda
 [valid]
 Genotype: *angustidens*.
 Type: Portion of left lower jaw with
 seven teeth. SAFM 3606 (lost).
 Upper Triassic, Stormberg Series, Red
 Beds—South Africa, Cape Province,
 Paballong, Mt. Fletcher.
- Macelognathus* Marsh, 1884
 referred to *Crocodylia*, Ostrom 1971
 [provisionally considered valid]
 Genotype: *vagans*.
 Type: Symphyseal and anterior portions
 of left and right dentaries. YPM 1415.
 Upper Jurassic, Morrison Formation—
 North America, Wyoming, Como
 Bluff, Quarry 9, SW¼, Sec. 12,
 T. 22N, R. 77W.
- Macrodonotophion* Zborzewski, 1834
 Megalosauridae, Carnosauria
 [*nomen dubium*]
 Genotype: No specific designation.
 Type: Tooth.
 Jurassic—Europe, U.S.S.R., Podolie-
 Volhyniennes.
- Macrophalangia* Sternberg, 1932
 Ornithomimidae, Coelurosauria
 [valid]
 Genotype: *canadensis*.
 Type: Right foot with first digit.
 NMC 8538.
 Upper Cretaceous, Belly River Series,
 Oldman Formation—North America,
 Alberta, Red Deer River.
- Macrurosaurus* Seeley, 1869
 Diplodocidae, Sauropoda
 [provisionally considered valid]
 Genotype: *semnus*.
 Type: Forty caudal vertebra. SM.
 Lower Cretaceous, Upper Greensand—
 Europe, England, Cambridge.
- Maggiarosaurus* Huene, 1956
 Diplodocidae, Sauropoda
 [misspelling of *Magyarosaurus* Huene,
 1932]
- Magnosaurus* Huene, 1932
 Megalosauridae, Carnosauria
 [= *Megalosaurus* *vide* Romer, 1956]
 Genotype: *nethercombensis*.
 Type: Jaws with teeth, a dorsal vertebra,
 two tibia, and part of right pubis.
 UMO.
 Middle Jurassic, inferior oolite,
 hunphriesei Zone—Europe, England,
 Dorsetshire.
- Magyarosaurus* Huene, 1932
 Diplodocidae, Sauropoda
 [*nomen dubium*]
 Genotype: *dacus*.
 Type: Dorsal centrum, caudal vertebrae,
 right humerus, right ulna, left fibula.
 BMNH R3861a.
 Upper Cretaceous, Turonian, Gosau
 Formation—Europe, Hungary,
 Siebenbergen.
- Majungasaurus* Lavocat, 1955
 Megalosauridae, Carnosauria
 [provisionally considered valid]
 Genotype: *crenatissimus* Depéret, 1896.
 Type: Incomplete right dentary.
 Upper Cretaceous, Berivotro Formation—
 Madagascar, Berivotro.
- Mamenchisaurus* Young, 1954
 Diplodocidae, Sauropoda
 [valid]
 Genotype: *constructus*.
 Type: Partial skeleton. IVP AS.
 Upper Jurassic, Red Beds—East Asia,
 China, Szechuan, Yiping, Mamenchi.
- Mandchurosaurus* Riabinin, 1930
 Hadrosauridae, Ornithopoda
 [valid]
 Genotype: *amurensis*.
 Type: Incomplete skeleton. Mus. Geol.
 Inst., Leningrad.
 Upper Cretaceous, Lance Equivalent—
 East Asia, Manchuria, Belye Kinchi.
- Manospondylus* Cope, 1892
 Tyrannosauridae, Carnosauria
 [*nomen dubium* *vide* Marsh, Hatcher
 and Lull, 1907]
 Genotype: *gigas*.
 Type: Centrum of a dorsal vertebra.
 AMNH 3982.

Upper Cretaceous, Maestrichian, Lance Formation—North America, South Dakota.

Marcellognathus Romer, 1966
Hypsilophodontidae, Ornithopoda
[misspelling of *Macelognathus* Marsh, 1884]

Massospondylus Owen, 1854
Thecodontosauridae, Prosauropoda
[valid]
Genotype: *carinatus*.

Type: Cervical, a few dorsal and a few caudal vertebrae, scapula, humerus, ilium, pubis, femur, tibia. RCS.
Destroyed.

Upper Triassic, Stormberg Series, Red Beds—South Africa, Orange Free State, Harrismith.

Megadactylus Hitchcock, 1865
Thecodontosauridae, Prosauropoda
[preoccupied = *Anchisaurus* Marsh, 1885]
Genotype: *polyzelus*.

Type: One dorsal and four caudal vertebrae, right manus, distal ends of radius and ulna, two ischia, left femur, proximal end of tibia, left fibula, and pes. AC 41/109-118.

Upper Triassic, Newark Series, Longmeadow Sandstone—North America, Massachusetts, Hampden County, Springfield.

Megalosaurus Buckland, 1824
Megalosauridae, Carnosauria
[valid]
Genotype: *bucklandi* von Meyer, 1832.
Type: Right dentary with teeth. UMO J13506.

Middle Jurassic, Middle Bathonian, Stonesfield Slates—Europe, England, Oxford, Woodstock.

Melanorosaurus Houghton, 1924
Melanorosauridae, Prosauropoda
[valid]
Genotype: *readi*.

Type: Femur, tibia, fibula, proximal end of humerus, and some vertebrae. SAFM 3449, 3450.

Upper Triassic, Stormberg Series, Red Beds—South Africa, Cape Province, Herschel.

Metricanthosaurus Walker, 1964
Megalosauridae, Carnosauria
[valid]

Genotype: *parkeri* Huene, 1926.
Type: Pelvis, right femur, and vertebral column. UMO 12144.

Upper Jurassic, Lower Oxfordian, Oxford Clay—Europe, England, Dorset, 1½ mi. N of Weymouth.

Microceratops Bohlin, 1953
Protoceratopsidae, Ceratopsia
[valid]

Genotype: *gobiensis*.
Type: Fragmentary dentary.
Upper Cretaceous, Djadocta equivalent—East Asia, Western Kansu, Tsondolein-Khuduk.

Microcoelus Lydekker, 1894
Diplodocidae, Sauropoda
[*nomen dubium*]
Genotype: *patagonicus*.
Type: Anterior dorsal and caudal vertebrae, humerus.

Upper Cretaceous, Senonian—South America, Argentina, Neuquen.

Microsaurops Kuhn, 1964
Diplodocidae, Sauropoda
[to replace *Microsaurus* Hatcher, 1900]

Microsaurus Hatcher, 1900
Diplodocidae, Sauropoda
[preoccupied = *Microsaurops* Kuhn, 1964]
Genotype: Information not available.
Type: Information not available.
Upper Cretaceous, Guaranic Beds—South America, Argentina.

Microvenator Ostrom, 1970
Coeluridae, Coelurosauria
[valid]
Genotype: *celer*.
Type: Partial skeleton lacking skull. AMNH 3041.

Lower Cretaceous, Cloverly Formation, Unit VII—North America, Montana, Wheatland County, SW¼, Sec. 26, T. 7N, R. 16E.

Mochlodon Seeley, 1881
Iguanodontidae, Ornithopoda
[= *Rhabdodon* *vide* Romer, 1956]

Mongolosaurus Gilmore, 1933
Diplodocidae, Sauropoda

[*nomen dubium*]

Genotype: *haplodon*.

Type: Fragmentary teeth, basioccipital, atlas, axis and third cervical vertebra. AMNH 6710.

Lower Cretaceous, OnGong Formation—East Asia, Mongolia, Hu Khung Ulan.

Monoclonius Cope, 1876

Ceratopsidae, Ceratopsia

[valid]

Genotype: *crassus*.

Type: Fused parietals, sacrum and anterior dorsal vertebrae. AMNH 3998.

Upper Cretaceous, Judith River Formation—North America, Montana, N side of Missouri River between Chouteau and Blaine Counties.

Montanaceratops Sternberg, 1951

Protoceratopsidae, Ceratopsia

[valid]

Genotype: *cerorhynchus* Brown and Schlaikjer, 1942.

Type: Parts of skull and jaws and most of postcranial skeleton. AMNH 5464.

Upper Cretaceous, St. Mary's River Formation (Lance)—North America, Montana, Glacier County, Blackfoot Indian Res.

Morinosaurus Sauvage, 1874

Camarasauridae, Sauropoda

[*nomen dubium* fide Janensch, 1935]

Genotype: *typus*.

Type: A greatly worn tooth.

Upper Jurassic, Upper Kimeridgean—Europe, France, Boulogne-sur-Mer.

Morosaurus Marsh, 1878

Camarasauridae, Sauropoda

[= *Camarasaurus* fide Mook, 1914]

Genotype: *impar*=*grandis*.

Type: Sacrum. YPM 1900.

Upper Jurassic, Morrison Formation—North America, Wyoming, Como Bluff, Quarry 1, Sec. 10, T. 22N, R. 77W.

Nanosaurus Marsh, 1877

Hypsilophodontidae, Ornithopoda

[valid]

Genotype: *agilis*.

Type: Lower jaw, one ilium, two ischia, one pubis, two femora, two tibiae, one fibula, one humerus. YPM 1913.

Upper Jurassic, Morrison Formation—North America, Colorado, Fremont County, Canyon City, Garden Park.

Nemegtosaurus Nowinski, 1971

Diplodocidae, Sauropoda

[valid]

Genotype: *mongoliensis*.

Type: Skull, jaws, and much of postcranium excluding cervical column. Paleozoological Inst., Polish Acad. Sciences, Warsaw. MgD-1/9.

Upper Cretaceous, Maestrichtian, upper Nemegt beds—East Asia, Mongolia, Gobi Desert, Nemegt Basin.

Neosaurus Gilmore, 1945

Camarasauridae, Sauropoda

[preoccupied = *Parrasaurus* Gilmore, 1945]

Genotype: *missouriensis*.

Type: Thirteen midcaudal centra. USNM 16735.

Upper Cretaceous, Ripley Formation, McNary sand member—North America, Missouri, Bollinger County, Glen Allen.

Neosodon Moussaye, 1885

Cetiosauridae, Sauropoda

[*nomen dubium*]

Genotype: *praecursor* Sauvage, 1876.

Type: Teeth.

Upper Jurassic, Portlandian—Europe, France, Boulogne.

Nipponosaurus Nagao, 1936

Hadrosauridae, Ornithopoda

[valid]

Genotype: *sachaliensis*.

Type: Posterior part of skull, a few cervical, a few dorsal, sacrum and caudal vertebrae, scapula, ilium, two ischia, two humeri, distal end of femur.

Upper Cretaceous, Upper Senonian—East Asia, Japan, Saghalien, Kawa Kami.

Nodosaurus Marsh, 1889

Nodosauridae, Ankylosauria

[valid]

Genotype: *textilis*.

Type: Several dorsal vertebrae, sacrum, ilium, left hind leg, parts of two humeri, left radius, ulna, manus, scutes. YPM 1815.

Lower Cretaceous, (?) Dakota Forma-

tion—North America, Wyoming,
Albany County, 10 to 12 miles E of
Como Bluff.

Notoceratops Tapia, 1918

Ceratopsidae, Ceratopsia

[valid]

Genotype: *bonarelli*.

Type: Incomplete left dentary.

Upper Cretaceous, Upper Senonian—
South America, Argentina, Chubut,
Colhue Huapi.

Nuthetes Owen, 1854

Lacertilia, non Carnosaur

Nyasaurus Charig (in Harland

et al.), 1967

Anchisauridae (or adv. Prestosuchidae)

[*nomen nudum*]

Genotype: *cromptoni*.

Type: Material not mentioned. BMNH.

Middle Triassic, Anisian, Manda

Formation—East Africa, Tanzania,
Ruhuhu Basin.

Omeisaurus Young, 1939

Camarasauridae, Sauropoda

[valid]

Genotype: *junghsiensis*.

Type: Four cervical, three dorsal,
13 sacral and postsacral vertebrae,
humerus, two ilia, two ischia, one
pubis, proximal end of femur and
fibula. IVP AS.

Upper Jurassic—East Asia, China,
Szechuan, Junghsien.

Omosaurus Owen, 1875

Stegosauridae, Stegosauria

[preoccupied (Leidy, 1856) = *Dacen-*
trurus Lucas, 1902]

Genotype: *armatus*.

Type: Much of skeleton lacking skull.
BMNH 46013.

Upper Jurassic, Kimeridgean, Kimeridge
Clay—Europe, England, Wiltshire,
Swindon.

Onychosaurus Nopcsa, 1902

Acanthopholidae, Ankylosauria

[valid]

Genotype: *hungaricus*.

Type: Remains of two individuals.

Upper Cretaceous, Turonian, Gosau
Formation—Europe, Hungary, Sieben-
bergen.

Oplosaurus Gervais, 1852

Cetiosauridae, Sauropoda

[*nomen dubium*]

Genotype: *armatus*.

Type: A single tooth. BMNH R964.
Lower Cretaceous, Wealden—Europe,
England, Isle of Wight.

Orinosaurus Lydekker, 1889

Melanorosauridae, Prosauropoda

[*nomen dubium* = *Orosaurus* Huxley,
1867]

Genotype: *capensis*.

Type: Proximal end of left tibia.
BMNH 1626.

Upper Triassic, Stormberg Series—
South Africa, Aliwal North.

Ornitholestes Osborn, 1903

Coeluridae, Coelurosauria

[valid]

Genotype: *hermani*.

Type: Nearly entire skeleton. AMNH 619.

Upper Jurassic, Morrison Formation—
North America, Wyoming, Albany
County, near Como, Bone Cabin
Quarry.

Ornithomerus Seeley, 1881

Hadrosauridae, Ornithopoda

[*nomen dubium*]

Genotype: *gracilis*.

Type: Shaft of femur. Geol. Mus.
Univ. Vienna.

Upper Cretaceous, Turonian, Gosau
Formation—Europe, Austria,
Wiener-Neustadt.

Ornithomimoides Huene and

Matley, 1933

Ornithomimidae, Coelurosauria

[*nomen dubium*]

Genotype: *mobilis*.

Type: Five dorsal vertebrae. IM
K20/610, K20/614B, K27/597,
K27/600, K27/610.

Upper Cretaceous, Lameta Formation—
South Asia, India, Jubbulpure, Bara
Simla Hill.

Ornithomimus Marsh, 1890

Ornithomimidae, Coelurosauria

[valid]

Genotype: *velox*.

Type: Distal end of tibia, astragalus,
calcaneum, three metatarsals, three

phalanges of 2nd digit. YPM 542.
Upper Cretaceous, Denver Formation—
North America, Colorado, Jefferson
County, SW¼, Sec. 27, T. 4S, R. 69W.

Ornithopsis Seeley, 1870
Cetiosauridae, Sauropoda

[*nomen dubium*]
Genotype: *hulkei*.

Type: Imperfect centrum of anterior
dorsal vertebra. BMNH 28632.

Lower Cretaceous, Wealden—Europe,
England, Isle of Wight.

Ornithosuchus Newton, 1894
Ornithosuchidae, Carnosauria
[valid]

Genotype: *woodwardi* Newton, 1894 =
longidens Huxley, 1877.

Type: Skull, vertebrae from third dorsal
to midcaudal, pelvis, and parts of hind
limbs. BMNH R2409 and R2410.

Upper Triassic, Elgin Sandstone—
Europe, Scotland, Elgin.

Ornithotarsus Cope, 1869
Hadrosauridae, Ornithopoda
[*nomen dubium*]

Genotype: *immanis*.

Type: Distal ends of left tibia and fibula
with astragalus and calcaneum.
YPM 3221.

Upper Cretaceous, Monmouth Formation
—North America, New Jersey,
Monmouth County, Union, Raritan
Bay.

Orosaurus Huxley, 1867
Melanosauridae, Prosauropoda
[*nomen dubium fide* Huene, 1932]
Genotype: *capensis* Lydekker, 1889.
Type: Proximal end of left tibia.
BMNH R1626.

Upper Triassic, Stormberg Series—
South Africa, Aliwal North.

Orthogoniosaurus Das-Gupta, 1931
Coeluridae, Coelurosauria
[*nomen dubium*]
Genotype: *matleyi*.

Type: A single tooth. IM.

Upper Cretaceous, Lameta Formation—
South Asia, India, Jubbulpure, Bara
Simla Hill.

Orthomerus Seeley, 1883
Hadrosauridae, Ornithopoda

[provisionally considered valid]
Genotype: *dolloi*.

Type: Right femur with imperfect
extremities. BMNH 42955.

Upper Cretaceous, Maestrichtian—
Europe, Holland, Maastricht.

Oviraptor Osborn, 1924
Ornithomimidae, Coelurosauria
[valid]

Genotype: *philoceratops*.

Type: Skull and jaws, cervical vertebrae,
one forelimb. AMNH 6517.

Upper Cretaceous, Djadocta Formation
—East Asia, Outer Mongolia,
Shabarakh Usu.

Pachycephalosaurus Brown and
Schlaikjer, 1943

Pachycephalosauridae, Ornithopoda
[valid]

Genotype: *grangeri*.

Type: Skull. AMNH 1696.

Upper Cretaceous, Lance Formation,
Hell Creek Beds—North America,
Montana, Carter County, Ekalaka.

Pachyrhinosaurus Sternberg, 1950
Pachyrhinosauridae, Ceratopsia
[valid]

Genotype: *canadensis*.

Type: Skull lacking beak and part of
crest. NMC 8867.

Upper Cretaceous, Edmonton Formation
—North America, Alberta, Carmongay,
Little Bow River.

Pachysauriscus Kuhn, 1959

Teratosauridae, Carnosauria
[to replace *Pachysaurus* Huene, 1908]
Genotype: *ajax* Huene, 1908.

Type: Seventh to thirteenth cervicals,
dorsal vertebrae, scapula-coracoid,
two humeri, two radii, two ulnae, part
of manus, tibia, fibula, fragments of
femur. Univ. Tübingen.

Upper Triassic, Keuper, Knollenmergel
—Europe, Germany, Löwenstein.

Pachysaurus Huene, 1908
Teratosauridae, Carnosauria
[preoccupied (Fitzinger, 1843)
= *Pachysauriscus* Kuhn, 1959]

Pachyspondylus Owen, 1853
Thecodontosauridae, Prosauropoda
[*nomen dubium fide* Broom, 1911]
Genotype: *orpenii*.

Type: Imperfect vertebra. RCS.
Destroyed.

Upper Triassic, Stormberg Series, Red
Beds—South Africa, Orange Free
State, Harrismith.

Paleosauriscus Kuhn, 1959

Teratosauridae, Carnosauria
[to replace *Paleosaurus* Riley and
Stutchbury, 1836—also *nomen
dubium*]

Genotype: *platyodon* Riley and
Stutchbury.

Type: A single tooth. Bristol Museum.
Upper Triassic, Magnesian
Conglomerate—Europe, England,
Bristol.

Palaeosaurus Riley and Stutchbury,
1836

Palaeosauridae, Carnosauria
[preoccupied (Geoffroy St: Hillaire,
1831)—also *nomen dubium*]

Palaeoscincus Leidy, 1856

Nodosauridae, Ankylosauria
[*nomen dubium*]

Genotype: *costatus*.

Type: A single tooth. ANSP.
Upper Cretaceous, Judith River
Formation—North America, Montana,
Fort Benton.

Panoplosaurus Lambe, 1919

Nodosauridae, Ankylosauria
[valid]

Genotype: *mirus*.

Type: Skull, jaws, armature, vertebrae,
scapula-coracoid, humerus.
NMC 2759.

Upper Cretaceous, Belly River Series,
Oldman Formation—North America,
Alberta, Steeveville.

Paracanthodon Huene, 1956

Stegosauridae, Stegosauria
[misspelling of *Paranthodon* Nopcsa,
1929]

Paranthodon Nopcsa, 1929

Stegosauridae, Stegosauria
[*nomen dubium*]

Genotype: *oweni*.

Type: Jaw fragment with teeth.
BMNH 47338.

Lower Cretaceous—South Africa,
Bushman River below Grahamstown.

Parasaurolophus Parks, 1923

Hadrosauridae, Ornithopoda
[valid]

Genotype: *walkerii*.

Type: Skull, jaws, cervical, dorsal and
sacral vertebrae, two forelimbs, pelvis,
femur. ROM 768.

Upper Cretaceous, Belly River Series,
Oldman Formation—North America,
Alberta, Red Deer River, Sand Creek.

Parksosaurus Sternberg, 1937

Hypsilophodontidae, Ornithopoda
[valid]

Genotype: *warreni* Parks, 1926.

Type: Incomplete skull and incomplete
skeleton. ROM 804.

Upper Cretaceous, Edmonton Forma-
tion, Member B—North America,
Alberta.

Paronychodon Cope, 1876

Coeluridae, Coelurosauria
[*nomen dubium*]

Genotype: *lacustris*.

Type: An incisor-like tooth. AMNH 3018.
Upper Cretaceous, Hell Creek Beds—
North America, Montana, Judith
River.

Remarks: The major group to which the
type specimen belongs is an open
question.

Parrosaurus Gilmore, 1945

Camarasauridae, Sauropoda
[valid]

Genotype: *missouriensis*.

Type: Thirteen midcaudal centra.
USNM 16735.

Upper Cretaceous, Ripley Formation,
McNary Sand Member—North
America, Missouri, Bollinger County,
Glen Allen.

Peishansaurus Bohlin, 1953

Nodosauridae, Ankylosauria
[*nomen dubium*]

Genotype: *philemys*.

Type: Anterior end of right dentary.
Upper Cretaceous—East Asia, China,
W. Kansu, Ehr-Chia-Wu-Tung.

Pelorosaurus Mantell, 1850

Cetiosauridae, Sauropoda
[*nomen dubium*]

Genotype: *conybeari*.

Type: Right humerus lacking deltoid

- crest. BMNH 28626.
Lower Cretaceous, Wealden—Europe,
England, Sussex, Cuckfield.
Pentaceratops Osborn, 1923
Ceratopsidae, Ceratopsia
[valid]
Genotype: *sternbergii*.
Type: Skull and partial skeleton.
AMNH 6325.
Upper Cretaceous, Fruitland Formation
—North America, New Mexico, San
Juan County.
Picrodon Seeley, 1898
Teratosauridae, Carnosauria
[*nomen dubium*]
Genotype: *herveyi*.
Type: A single tooth. BMNH R2875.
Upper Triassic, Rhaetic—Europe,
England, Somerset, Wedmore Hill.
Pinacosaurus Gilmore, 1933
Nodosauridae, Ankylosauria
[valid]
Genotype: *grangeri*.
Type: Skull, jaws, and a few dermal
bones. AMNH 6523.
Upper Cretaceous, Djadocta Formation
—East Asia, Outer Mongolia,
Shabarakh Usu.
Pisanosaurus Casamiquela, 1967
Heterodontosauridae, Ornithopoda
[valid]
Genotype: *mertii*.
Type: Right maxilla, right and part of left
jaw, nine dorsal and three caudal
vertebrae, right tibia, fibula and
pes. PVL 2577.
Middle Triassic, Ischigualasto Forma-
tion—South America, Argentina,
San Juan.
Plateosauravus Huene, 1932
Melanorosauridae, Prosauropoda
[valid]
Genotype: *cullingworthi* Houghton,
1924.
Type: Fragmentary remains of two
individuals. SAFM 3341-3356.
Upper Triassic, Stormberg Series, Red
Beds—South Africa, Cape Province,
Herschel, Kromme Spruit.
Plateosaurus Meyer, 1837
Plateosauridae, Prosauropoda
[valid]
Genotype: *engelhardti*.
Type: Frontal, two dorsal vertebrae,
sacrum, two caudals, pubis, femur,
tibia. SMNS.
Upper Triassic, Keuper—Europe,
Germany, Nürnberg, Heroldsberg.
Platysaurus Agassiz, 1846
Plateosauridae, Prosauropoda
[misspelling of *Plateosaurus* Meyer, 1837]
Pleurocoelus Marsh, 1888
Camarasauridae, Sauropoda
[*nomen dubium*]
Genotype: *nanus*.
Type: Vertebral centra, USNM 4968
dorsal, 4969 and 4970 sacral. All from
a very young animal.
Lower Cretaceous, Arundel Formation—
North America, Maryland, Prince
Georges County, Muir Kirk.
Pleuropeltus Seeley, 1881
Acanthopholidae, Ankylosauria
[= *Struthiosaurus* *vide* Romer, 1956]
Pneumatoarthus Cope, 1870
Megalosauridae, Carnosauria
[*nomen dubium*]
Genotype: *peloreus*.
Type: Four sacral centra of an immature
animal. ANSP 9225.
Upper Cretaceous, Greensand—North
America, New Jersey, Monmouth
County.
Podokesaurus Talbot, 1911
Podokesauridae, Coelurosauria
[= *Coelophysis* *vide* Colbert, 1964]
Genotype: *holyoekensis*.
Type: Eighteen presacral and 13 caudal
vertebrae, coracoid, humerus, manus,
pelvis, right hind leg and pes.
Destroyed. Cast at Yale.
Upper Triassic, Newark Series,
Longmeadow Sandstone—North
America, Massachusetts, Hampden
County, Holyoke.
Poecilopleuron Fitzinger, 1843
Megalosauridae, Carnosauria
[misspelling of *Poekilopleuron* Eudes-
Delongchamp, 1838]
Poecilopleurum Agassiz, 1846
Megalosauridae, Carnosauria

[misspelling of *Poekilopleuron* Eudes-Delongchamp, 1838]

Poekilopleuron Eudes-Delongchamp, 1838

Megalosauridae, Carnosauria
[= *Megalosaurus* *fide* Romer, 1956]
Genotype: *bucklandi*.

Type: Scapula, humerus, radius, ulna, carpals, phalanges, femur, tibia, fibula, astragalus, nearly complete pes, 21 caudal vertebrae.

Middle Jurassic, Lower Bathonian—Europe, France, Caen, Maladrerie.

Poikilopleuron Owen, 1842
Megalosauridae, Carnosauria
[misspelling of *Poekilopleuron* Eudes-Delongchamp, 1838]

Polacanthoides Nopcsa, 1929
Nodosauridae, Ankylosauria
[*nomen dubium*]

Genotype: *ponderosus*.
Type: Left humerus, left scapula, left tibia. BMNH 1106, 1107, and 2584.
Lower Cretaceous, Wealden—Europe, England, Isle of Wight.

Polacanthus Hulke, 1881
Nodosauridae, Ankylosauria
[valid]

Genotype: *foxi*.
Type: Skeleton lacking skull and forelimbs. BMNH R175.
Lower Cretaceous, Wealden—Europe, England, Isle of Wight, Barne's Chine.

Polyodontosaurus Gilmore, 1932
Troodontidae, Coelurosauria
[= *Stenonychosaurus* *fide* D. Russell, 1970]

Genotype: *grandis*.
Type: Upper dentary without teeth. GSC 8540.

Upper Cretaceous, Belly River Series—North America, Alberta, Red Deer River, Berry Creek.

Polygonax Cope, 1874
Ceratopsidae, Ceratopsia
[*nomen dubium* *fide* Marsh, Hatcher, Lull, 1907]

Genotype: *mortuarius*.
Type: Three dorsal vertebrae and fragments of horncores. AMNH 3950.

Upper Cretaceous, Laramie Formation—North America, Colorado.

Poposaurus Mehl, 1915
Poposauridae, Carnosauria
[provisionally considered valid]
Genotype: *gracilis*.

Type: Two dorsal and one caudal vertebrae, left ilium, proximal end of left femur, right femur, distal end of right tibia, shaft of right tibia. FM UR357.
Upper Triassic, Chugwater Formation, Popo Agie member—North America, Wyoming, Fremont County, Lander, Little Popo Agie River.

Priconodon Marsh, 1888
Stegosauridae, Stegosauria
[*nomen dubium*]
Genotype: *crassus*.

Type: A single tooth. USNM 2135.
Lower Cretaceous, Arundel Formation—North America, Maryland, Prince Georges County, Swampoodle.

Prionodontognathus Seeley, 1875
Acanthopholidae, Ankylosauria
[*nomen dubium* *fide* Ostrom, 1970]
Genotype: *phillipsii* Seeley, 1869.

Type: Maxilla fragment. SM B53408.
Lower Cretaceous, Wealden—Europe, England.

Proactrosaurus Rozhdestvensky, 1966

Hadrosauridae, Ornithopoda
[valid]
Genotype: *gobiensis*.

Type: Nearly entire skeleton. PEN AN SSR 2232/1.
Upper Cretaceous, top of lower chalk—East Asia, China, Ala Shan, Maorty.

Proceratops Lull, 1906
Ceratopsidae, Ceratopsia
[to replace *Ceratops*, preoccupied by a *nomen nudum* Rafinesque, 1815]

Proceratosaurus Huene, 1926
Megalosauridae, Carnosauria
[valid]
Genotype: *bradleyi* Woodward, 1910.
Type: Imperfect skull and lower jaw. BMNH R4860.
Middle Jurassic, Bathonian, Great Oolite—Europe, England, Gloucestershire.

Procheneosaurus Matthew, 1920
Hadrosauridae, Ornithopoda

- [valid]
Genotype: *praeceps* Parks, 1931.
Type: Skull, vertebrae, right scapula.
ROM 758.
Upper Cretaceous, Belly River Series—
North America, Alberta, Red Deer
River, Sand Creek.
- Procompsognathus* Fraas, 1913
Procompsognathidae, Coelurosauria
[valid]
Genotype: *triassicus*.
Type: Skull, jaws, two cervical, fourteen
dorsal, fourteen caudal vertebrae,
scapula-coracoid, radius, ulna, manus,
two pubes, two femora, proximal end
of tibia, and fibula. SMNS 12591.
Upper Triassic, Stubensandstein—
Europe, Germany, Pfaffenhofen.
- Prodeinodon* Osborn, 1924
Tyrannosauridae, Carnosauria
[*nomen dubium*]
Genotype: *mongoliensis*.
Type: A single tooth. AMNH 6265.
Lower Cretaceous, Aptian, Oshih
Formation—East Asia, Mongolia,
Oshih.
- Prosaurolophus* Brown, 1916
Hadrosauridae, Ornithopoda
[valid]
Genotype: *maximus*.
Type: Incomplete skull and jaws.
AMNH 5386.
Upper Cretaceous, Belly River Series—
North America, Alberta, Steepleville,
North Fork of Sand Creek.
- Protiguanodon* Osborn, 1923
Psittacosauridae, Ornithopoda
[valid]
Genotype: *mongoliense*.
Type: Skeleton. AMNH 6253.
Lower Cretaceous, Ondai Sair Forma-
tion—East Asia, Mongolia.
- Protoceratops* Granger and Gregory,
1923
Protoceratopsidae, Ceratopsia
[valid]
Genotype: *andrewsi*.
Type: Skull lacking occiput. AMNH
6251.
Upper Cretaceous, Shamo Series,
Djadocta Formation—East Asia,
Mongolia, Artsa Bogda, Flaming
Cliffs.
- Protorosaurus* Lambe, 1914
Ceratopsidae, Ceratopsia
[preoccupied Meyer, 1830=
Chasmosaurus Lambe, 1914]
Genotype: *belli*.
Type: Fused parietals. GSC 491.
Upper Cretaceous, Belly River Series—
North America, Alberta, Steepleville.
- Psittacosaurus* Osborn, 1923
Psittacosauridae, Ornithopoda
[valid]
Genotype: *mongoliensis*.
Type: Skeleton. AMNH 6254.
Lower Cretaceous, Oshih Formation—
East Asia, Mongolia, Oshih.
- Pteropelyx* Cope, 1889
Hadrosauridae, Ornithopoda
[*nomen dubium* fide Lull and
Wright, 1942]
Genotype: *grallipes*.
Type: Greater part of skeleton without
skull or teeth. AMNH 3971.
Upper Cretaceous, Judith River Forma-
tion—North America, Montana, Cow
Island, 40 mi. below mouth of Judith
River on the Missouri River.
- Pterospondylus* Jaekel, 1913
Podokesauridae, Coelurosauria
[*nomen dubium*]
Genotype: *trielbae*.
Type: Single dorsal vertebra.
Upper Triassic, Upper Keuper—Europe,
Germany, Halberstadt.
- Rapator* Huene, 1932
Coelurosauridae, Coelurosauria
[*nomen dubium*]
Genotype: *ornitholestoides*.
Type: Metacarpal. BMNH 3718.
Lower Cretaceous, Aptian—Australia,
New South Wales.
- Rebbachisaurus* Lavocat, 1954
Camarasauridae, Sauropoda
[valid]
Genotype: *garasbae*.
Type: Right scapula, eleven vertebrae,
sacrum, humerus.
Lower Cretaceous, Continental Inter-
calaire—North Africa, Morocco, Gara
Sba.

Regnosaurus Mantell, 1848
 Acanthopholidae, Ankylosauria
 [nomen dubium fide Ostrom, 1970]
 Genotype: *northamptoni*.
 Type: Fragment of right lower jaw
 lacking crowns of teeth. BMNH 2422.
 Lower Cretaceous, Wealden—Europe,
 England, Sussex, Cuckfield.

Rhabdodon Matheron, 1869
 Iguanodontidae, Ornithopoda
 [valid]
 Genotype: *priscum*.
 Type: Two jaw fragments, one dorsal,
 two sacral and two caudal vertebrae,
 right humerus, proximal part of right
 femur, distal end of right tibia.
 MNHN.
 Upper Cretaceous, Maestrichtian—
 Europe, France, Provence, Bassin-d'
 Aix.

Rhaetosaurus Longman, 1925
 Cetiosauridae, Sauropoda
 [valid]
 Genotype: *browni*.
 Type: One cervical, seven dorsal,
 sacrum, and ten caudal vertebrae,
 femur, pelvic fragments. Queensland
 Museum.
 Lower Jurassic, Walloon Series—
 Australia, Queensland, Durham
 Downs.

Rhodanosaurus Nopcea, 1929
 Acanthopholidae, Ankylosauridae
 [= *Struthiosaurus* fide Lapparant,
 1947]

Genotype: *lugdunensis*.
 Type: Seven dermal plates and one
 vertebra. Museum de Lyon.
 Upper Cretaceous, Maestrichtian—
 Europe, France, Provence.

Riojasaurus Bonaparte, 1969
 Melanorosauridae, Prosauropoda
 [valid]
 Genotype: *incertus*.
 Type: Nearly complete postcranium with
 skull fragments; PVL 3808.
 Upper Triassic, ?Norian, upper section
 of Los Colorados Formation—South
 America, Argentina, La Rioja Prov.

Riojasuchus Bonaparte, 1969
 Ornithosuchidae, Carnosauria
 [valid]

Genotype: *tenisiceps*.
 Type: Complete skull with jaws, and
 large portion of postcranium; PVL
 3827.
 Upper Triassic, ?Norian, upper portion
 of Los Colorados Formation—South
 America, northern Argentina, La
 Rioja Prov.

Saltopus Huene, 1910
 Podokesauridae, Coelurosauria
 [valid]
 Genotype: *elginensis*.
 Type: Partial skeleton. BMNH R3915.
 Upper Triassic, Stagonolepis Sand-
 stone—Europe, Scotland, Elgin,
 Lossiemouth.

Sanpasaurus Young, 1946
 Iguanodontidae, Ornithopoda
 [valid]
 Genotype: *yaoi*.
 Type: Partially articulated skeleton.
 IVP AS V221, V222.
 Upper Jurassic, Tithonian, Kuangyuan
 Series—East Asia, China, Szechuan,
 Weiyuan.

Sarcolestes Lydekker, 1893
 Stegosauridae, Stegosauria
 [valid]
 Genotype: *leedsi*.
 Type: Lower jaw. BMNH R2682.
 Upper Jurassic, Callovian, Lower
 Oxford Clay—Europe, England,
 Oxford, Peterborough.

Sarcosaurus Andrews, 1921
 Megalosauridae, Carnosauria
 [valid]
 Genotype: *woodi*.
 Type: Vertebrae, pelvis and hind leg.
 BMNH 4840.
 Lower Jurassic, Lower Lias, Bucklandi
 Zone—Europe, England, Leicestershire,
 Barrow-on-Soar.

Saurechinodon Owen, 1861
 Hypsilophodontidae, Ornithopoda
 [to replace *Echinodon* preoccupied]
 Genotype: *becklesi* Owen, 1861.
 Type: Two fragments of maxillae and two
 imperfect dentaries. BMNH 48209-12.
 Upper Jurassic, Portlandian—Europe,
 England, Isle of Purbeck.

- Saurolophus* Brown, 1912
Hadrosauridae, Ornithopoda
[valid]
Genotype: *osborni*.
Type: Nearly complete skeleton.
AMNH 5220.
Upper Cretaceous, Edmonton Formation, 500' below top, Member B—
North America, Alberta, Tolman Ferry.
- Sauropelta* Ostrom, 1970
Acanthopholidae, Ankylosauria
[valid]
Genotype: *edwardsi*.
Type: Partial skeleton, lacking skull.
AMNH 3032.
Lower Cretaceous, Cloverly Formation
—North America, Montana, Bighorn
County, NE¼, Sec. 20, T. 5S, R. 28E.
- Sauroplices* Bohlin, 1953
Nodosauridae, Ankylosauria
[nomen dubium]
Genotype: *scutiger*.
Type: Partial ischium and several dermal
plates.
Lower Cretaceous, Oshih equivalent—
East Asia, China, Kansu, Tebch.
- Saurornithoides* Osborn, 1924
Dromosauridae, Carnosauria
[valid]
Genotype: *mongoliensis*.
Type: Skull, jaws, last four dorsal
vertebrae, ventral pelvic elements,
incomplete left hind leg. AMNH 6516.
Upper Cretaceous, Djadocta Formation
—East Asia, Outer Mongolia,
Shabarakh Usu (Bain Dzak).
- Scelidosaurus* Owen, 1859
Acanthopholidae, Ankylosauria
[valid]
Genotype: *harrisoni*.
Type: Nearly entire skeleton. BMNH
R1111.
Lower Jurassic, Lower Lias—Europe,
England, Charmouth.
- Scolosaurus* Nopcsa, 1928
Nodosauridae, Ankylosauria
[valid]
Genotype: *cutleri*.
Type: Nearly entire skeleton. BMNH
R5161.
Upper Cretaceous, Belly River Series,
Oldman Formation—North America,
Alberta, Happy Jack Ferry.
- Segisaurus* Camp, 1936
Segisauridae, Coelurosauria
[valid]
Genotype: *halli*.
Type: Shoulder girdle, two anterior
dorsal and one anterior caudal
vertebrae, humerus, radius, ulna,
sacrum, pelvis, left hind leg and foot
and parts of right. UCMP 32101.
Lower Jurassic, Navajo Sandstone—
North America, Arizona, Keet Seel.
- Sellosaurus* Huene, 1908
Plateosauridae, Prosauropoda
[= *Plateosaurus* fide Romer, 1956]
Genotype: *gracilis*.
Type: Two dorsal, sacrum and all caudal
vertebrae, left femur, piece of fibula.
SMNS.
Upper Triassic, Stubensandstein—
Europe, Germany, Stuttgart, Heschach.
- Silvisaurus* Eaton, 1960
Acanthopholidae, Ankylosauria
[valid]
Genotype: *condrayi*.
Type: Skull, jaws, five cervical, five
dorsal, sacrum, and two caudal
vertebrae, numerous dermal elements.
UKMNH 10296.
Lower Cretaceous, Dakota Formation,
Terra Cotta Clay—North America,
Kansas, Ottawa County.
- Sinocoelurus* Young, 1942
Coeluridae, Coelurosauria
[nomen dubium]
Genotype: *fragilis*.
Type: Four isolated teeth. IVP AS
V232-234.
Upper Jurassic, Tithonian, Kuangyuan
Series—East Asia, China, Szechuan,
Weiyuan.
- Sinosaurus* Young, 1948
Ornithosuchidae, Carnosauria
[valid]
Genotype: *triassicus*.
Type: Left maxilla and jaw fragments.
IVP AS V34.
Upper Triassic, Lower Lufeng Series—
East Asia, China, Yunnan Lufeng.
- Smilodon* Plieninger, 1846
Teratosauridae, Carnosauria

[preoccupied (Lund, 1842)= *Zanclodon*
Plieninger, 1846]

Genotype: *laevis*.

Type: Jaw fragment with four teeth.
SMNS.

Middle Triassic, Lettenkohle—Europe,
Germany, Wurttemberg, Gaildorf.

Sphenospondylus Seeley, 1883
Iguanodontidae, Ornithopoda
[= *Iguanodon* *vide* Swinton, 1936]
Genotype: *gracilis* Lydekker, 1888.
Type: Several dorsal vertebrae. BMNH
R142.

Lower Cretaceous, Wealden—Europe,
England, Isle of Wight.

Spinosaurus Stromer, 1915
Spinosauridae, Carnosauria
[valid]

Genotype: *aegyptiacus*.

Type: Dentary, part of maxilla, two
cervical, several dorsal and eight or
more caudal vertebrae. Probably
destroyed. Not at IPHG.

Upper Cretaceous, Baharije Formation
—North Africa, Egypt, Baharije.

Spinosuchus Huene, 1932
Podokesauridae, Coelurosauria
[valid]

Genotype: *caseanus*.

Type: Seven cervical and fifteen dorsal
vertebrae. UMMP 7507.

Upper Triassic, Dockum—North
America, West Texas, Crosby County.

Spondylosoma Huene, 1938
Thecodontosauridae, Prosauropoda
[provisionally considered valid]
Genotype: *abscondidum*.

Type: Most of vertebral column, scapula,
humerus, distal end of femur. Univ.
Tübingen.

Middle Triassic, Rio de Rastro—South
America, Brazil, Rio Grande de Sul,
Chiniqua.

Staurikosaurus Colbert, 1970
Teratosauridae, Carnosauridae
[valid]

Genotype: *pricei*.

Type: Lower jaws, 20 presacral, three
sacral, and 35 caudal vertebrae, pelvis,
both hind legs lacking feet. MCZ 1669.

Middle Triassic, Santa Maria Formation

—South America, Brazil, Rio Grande
do Sul, Santa Maria.

Stegoceras Lambe, 1902
Pachycephalosauridae, Ornithopoda
[valid]

Genotype: *validus*.

Type: Frontal-parietal area of skull.
NMC 515.

Upper Cretaceous, Belly River Series—
North America, Canada, Alberta, Red
Deer River.

Stegopelta Williston, 1905
Nodosauridae, Ankylosauria
[valid]

Genotype: *landerensis*.

Type: Fragments of upper and lower
jaws, seven dorsal and two caudal
vertebrae, sacrum, left tibia, left ulna,
left ilium, right pubis, and many bony
scutes. FM.

Upper Cretaceous, Cenomanian,
Frontier Formation—North America,
Wyoming, Fremont County, near
Lander.

Stegosaurides Bohlin, 1953
Nodosauridae, Ankylosauria
[*nomen dubium*]

Genotype: *excavatus*.

Type: Two vertebral centra and base
of spine.

Upper Cretaceous—East Asia, China,
West Kansu, Hui-Hui-Pu.

Stegosaurus Marsh, 1877
Stegosauridae, Stegosauria
[valid]

Genotype: *armatus*.

Type: Fifty to 60 drawers of unprepared
material, possibly an entire skeleton.
YPM 1850.

Upper Jurassic, Morrison Formation—
North America, Colorado, Jefferson
County, Morrison, Sec. 26, T. 4S,
R. 70W.

Stenonychosaurus Sternberg, 1932
Dromaeosauridae, Carnosauria
[provisionally considered valid]

Genotype: *inequalis*.

Type: Distal end of left tibia,
astragalus and pes, first metacarpal,
six caudal vertebrae. NMC 8539.

Upper Cretaceous, Oldman Formation—
North America, Alberta.

- Stenopelix* von Meyer, 1857
Psittacosauridae, Ornithopoda
[provisionally considered valid]
Genotype: *valdensis*.
Type: Pelvis and hind legs. Gymnasium
in Bückeberg.
Lower Cretaceous, Wealden, Hastings
Sand—Europe, Germany, Bückeberg.
- Stephanosaurus* Lambe, 1902
Hadrosauridae, Ornithopoda
[*nomen dubium*]
Genotype: *marginatus*.
Type: Limb bones, fragments of
vertebrae, ribs, teeth. NMC 419.
Upper Cretaceous, Belly River Series—
North America, Alberta, Red Deer
River.
- Stereocephalus* Lambe, 1902
Nodosauridae, Ankylosauria
[preoccupied = *Euoplocephalus* Lambe,
1910]
Genotype: *tutus*.
Type: Upper part of heavily armored
cranium and a transverse series of
5-keeled scutes. NMC 210.
Upper Cretaceous, Belly River Series—
North America, Alberta, Steepleville.
- Sterrhophus* Marsh, 1891
Ceratopsidae, Ceratopsia
[= *Triceratops* *fide* Hatcher, 1907]
Genotype: *flabellatus*.
Type: Skull, lower jaw, femur, ilium,
ischium, scapula, a few vertebrae of
a very young individual. YPM 1821.
Upper Cretaceous, Lance Formation—
North America, Wyoming, Converse
County.
- Strenosaurus* Bonaparte, 1969
Melanorosauridae, Prosauropoda
[valid]
Genotype: *procerus*.
Type: Seven presacral vertebrae, both
scapulocoracoids, ilium, pubis,
humerus, femur, portions of right
manus, fragments of astragalus and
tibia. PVL 3663.
Upper Triassic, ?Norian, upper portion
of Los Colorados Formation—South
America, northern Argentina, La
Rioja Prov.
- Streptospondylus* von Meyer, 1830
Crocodilian, *non* dinosaurian
- Struthiomimus* Osborn, 1916
Ornithomimidae, Coelurosauria
[valid *fide* D. Russell, 1972]
Genotype: *altus* Lambe, 1902.
Type: Right hind limb, pubis, and
ischium. NMC 930.
Upper Cretaceous, Belly River Series—
North America, Alberta, Red Deer
River, Berry Creek.
- Struthiosaurus* Bunzel, 1871.
Acanthopholidae, Ankylosauridae
[valid]
Genotype: *austriacus*.
Type: Posterior half of skull. Geol. Inst.
Univ. Vienna, "C."
Upper Cretaceous, Turonian, Gosau
Formation—Europe, Austria,
Wiener-Neustadt.
- Styracosaurus* Lambe, 1913
Ceratopsidae, Ceratopsia
[valid]
Genotype: *albertensis*.
Type: Skull. GSC 344.
Upper Cretaceous, Belly River Series—
North America, Alberta, Red Deer
River, Berry Creek.
- Succinodon* Huene, 1941
Diplodocidae, Sauropoda
[provisionally considered valid]
Genotype: *putzeri*.
Type: Jaw fragment with teeth. Probably
at University of Tübingen.
Upper Cretaceous, Upper Campanian—
Europe, Poland, SE of Warsaw,
Canyon of Weichsel River near
Bochotnica.
- Symphyrophus* Cope, 1878
non dinosaurian *fide* Osborn and
Mook, 1921
[*nomen dubium*]
Genotype: *musculosus*.
Type: Vertebral centrum and distal end
of femur. AMNH 5772.
Upper Jurassic, Morrison Formation—
North America, Colorado, Fremont
County, Canyon City, Garden Park.
- Syngonosaurus* Seeley, 1879
Iguanodontidae, Ornithopoda
[*nomen dubium*]
Genotype: *macrocerus*.
Type: A few dorsal vertebrae. SM.
Lower Cretaceous, Greensand—Europe,

England, Cambridge.

Syrmosaurus Maleev, 1952
Nodosauridae, Ankylosauria
[valid]
Genotype: *viminicaudus*.
Type: Much of skeleton. PEN AN SSR
614.
Upper Cretaceous, Lower Cenomanian—
East Asia, Mongolia.

Syntarsus Raath, 1969
Podokesauridae, Coelurosauria
[valid]
Genotype: *rhodesiensis*.
Type: Most of postcranium lacking
cervical column. Queen Victoria
Museum QG/1.
Upper Triassic, Forest Ss.—South Africa,
Rhodesia, Nyamandhlovu district,
NW of Bulawayo.

Szechuanosaurus Young, 1942
Megalosauridae, Carnosauria
[*nomen dubium*]
Genotype: *campi*.
Type: Teeth. IVP AS V235-36,
V238-39.
Upper Jurassic, Tithonian, Kuangyuan
Series—East Asia, China, North
Szechuan, Kuangyuan.

Talarurus Maleev, 1952
Nodosauridae, Ankylosauria
[valid]
Genotype: *plicatospineus*.
Type: Skeleton with fragmentary skull.
PEN AN SSR 557.
Upper Cretaceous, Cenonian—East Asia,
Mongolia, Baen Sheerz.

Tanius Wiman, 1929
Hadrosauridae, Ornithopoda
[valid]
Genotype: *sinensis*.
Type: Nearly entire skeleton.
Upper Cretaceous, Wang Shih Series—
East Asia, China, Shantung, Lai
Yang Hsien.

Tarbosaurus Maleev, 1955
Tyrannosauridae, Carnosauria
[valid]
Genotype: *bataar*.
Type: Skeleton lacking right forelimb.
Upper Cretaceous, Nemeget Formation—
East Asia, Mongolia, Nemegetu.

Tatisaurus Simmons, 1965
Hypsilophodontidae, Ornithopoda
[valid]
Genotype: *oehleri*.
Type: Fragment of left mandible with
teeth. CUP 2088.
Upper Triassic, Lower Lufeng Series,
Dark Red Beds—East Asia, China,
Yunnan, Lufeng, Tati.

Teinurosaurus Cope, 1869
[*nomen nudum*]
Attributing this genus to Cope appears to
be a *lapsis calami* on Romer's part
(1956, 1966). The name was proposed
by Nopcsa (1928) but a type species
was not named, so the name is invalid.
See: Ostrom, J. H. (1969, Bull. 30,
Peabody Mus. Nat. Hist., Yale Univ.:
148.)

Telmatosaurus Nopcsa, 1903
Hadrosauridae, Ornithopoda
[valid]
Genotype: *transylvanicus* Nopcsa, 1900.
Type: Skull.
Upper Cretaceous, Turonian, Gosau
Formation—Europe, Hungary,
Transylvania.
Remarks: Romer (1956) synonymized this
genus, which is based on a skull, with
Orthomerus, which is based on a
femur. Until the same part of each are
found the two genera are better left
separate.

Tenontosaurus Ostrom, 1970
Iguanodontidae, Ornithopoda
[valid]
Genotype: *tilletti*.
Type: Partial skeleton lacking skull and
forelimbs. AMNH 3040.
Lower Cretaceous, Cloverly Formation,
Unit VII—North America, Montana,
Wheatland County, SW¼, Sec. 26, T.
7N, R. 16E.

Teratosaurus von Meyer, 1861
Ornithosuchidae, Carnosauria
[valid]
Genotype: *suevicus*.
Type: Right maxilla. BMNH 38646.
Upper Triassic, Stubensandstein—
Europe, Germany, Stuttgart.

Tetragonosaurus Parks, 1931
Hadrosauridae, Ornithopoda

[= *Procheneosaurus* Matthew, 1920]

Genotype: *praeceps*.

Type: Skull, jaws, cervical, dorsal and sacral vertebrae, right scapula.

ROM 3577.

Upper Cretaceous, Belly River Series, Oldman Formation—North America, Alberta, Red Deer River, Sand Creek.

Thecocoelurus Huene, 1926

Coeluridae, Coelurosauria

[*nomen dubium*]

Genotype: *daviesi* Seeley, 1888.

Type: Anterior half of cervical vertebrae. BMNH R181.

Lower Cretaceous, Wealden—Europe, England, Isle of Wight.

Thecodontosaurus Riley and

Stutchbury, 1836

Thecodontosauridae, Prosauropoda

[valid]

Genotype: *antiquus* Morris, 1843.

Type: Species based on the remains of several individuals that give good information on the skeleton. Destroyed. Bristol Museum 2.

Upper Triassic, Magnesian Conglomerate—Europe, England, Bristol, Durham Downs.

Thecospondylus Seeley, 1882

Coeluridae, Coelurosauria

[*nomen dubium*]

Genotype: *horneri*.

Type: Natural cast of the neural canal of sacrum. BMNH R291.

Lower Cretaceous, Aptian, Hastings Sand—Europe, England, Kent, Southborough.

Therezinosaurus Maleyev, 1954

Megalosauridae, I.s. (Therezinosauridae, Rozhdestvensky, 1970)

[*nomen dubium*]

Genotype: *cheloniformis*.

Type: Several phalanges.

Upper Cretaceous, Maestrichtian, upper Nemegt beds—East Asia, Mongolia, Gobi Desert, Nemegt Basin.

Thescelosaurus Gilmore, 1913

Hypsilophodontidae, Ornithopoda

[valid]

Genotype: *neglectus*.

Type: Skeleton lacking skull and neck. USNM 7757.

Upper Cretaceous, Lance Formation—North America, Wyoming, Converse County, Doegie Creek.

Thespesius Leidy, 1856

Hadrosauridae, Ornithopoda

[*nomen dubium*]

Genotype: *occidentalis*.

Type: Two caudal centra and one phalanx. USNM 219, 220, 221.

Upper Cretaceous, Lance Formation—North America, South Dakota, Grand River.

Tichosteus Cope, 1877

Incertae sedis

[*nomen dubium*]

Genotype: *lucasanus*.

Type: Immature vertebral centrum.

AMNH 5770.

Upper Jurassic, Morrison Formation—North America, Colorado, Fremont County, Canyon City, Garden Park.

Tienshanosaurus Young, 1937

Camarasauridae, Sauropoda

[valid]

Genotype: *chitaiensis*.

Type: Much of skeleton lacking skull. IVP AS.

Lower Cretaceous (basal)—East Asia, China, Sinkiang, Chitai.

Titanosaurus Lydekker (non Marsh), 1877

Diplodocidae, Sauropoda

[*nomen dubium* fide Seeley, 1887]

Genotype: *indicus*.

Type: Two posterior caudal vertebrae. IM.

Upper Cretaceous, Lameta Formation—South Asia, India, Jubbulpure, Bara Simla Hill.

Remarks: On the basis of this material, this genus cannot be defined and consequently it cannot serve as the root of a family name. *Antarctosaurus* should be used as the root for the family name of Cretaceous peg-toothed sauropods, and Diplodocidae (Marsh, 1884) for the entire group.

Titanosaurus Marsh (non Lydekker), 1877

Camarasauridae, Sauropoda

[preoccupied = *Atlantosaurus* Marsh, 1877]

Genotype: *montanus*.

Type: Imperfect sacrum. YPM 1835.

Upper Jurassic, Morrison Formation—North America, Colorado, Jefferson County, Morrison, Sec. 26, T. 4S, R. 70W.

Tornieria Sternfeld, 1911

Diplodocidae, Sauropoda

[to replace *Gigantosaurus* Fraas, 1908]

Genotype: *robusta* Fraas, 1908.

Type: Distal end of right femur, right tibia, right fibula, right pes.

Upper Jurassic, Kimeridgean, Tendaguru Formation—East Africa, Tanzania, Tendaguru.

Torosaurus Marsh, 1891

Ceratopsidae, Ceratopsia

[valid]

Genotype: *latus*.

Type: Skull. YPM 1830.

Upper Cretaceous, Lance Formation—North America, Wyoming, Niobrara County, Lightning Creek.

Trachodon Leidy, 1856

Hadrosauridae, Ornithopoda

[*nomen dubium*]

Genotype: *mirabilis*.

Type: One mandibular tooth. ANSP 9260.

Upper Cretaceous, Judith River Formation—North America, Montana, Judith River.

Triassolestes Reig, 1963

Podokesauridae, Coelurosauria

[valid]

Genotype: *romeri*.

Type: Incomplete skull, lower jaw, and four cervical vertebrae.

Middle Triassic, Ladinian, Ischigualasto Formation—South America, Argentina, San Juan and la Rioja.

Triceratops Marsh, 1889

Ceratopsidae, Ceratopsia

[valid]

Genotype: *horridus*.

Type: Skull and jaws. YPM 1820.

Upper Cretaceous, Lance Formation—North America, Wyoming, Converse County, Buck Creek.

Troödon Leidy, 1856

Coeluridae, Coelurosauria

[*nomen dubium*]

Genotype: *formosus*.

Type: Well-preserved tooth. ANSP 9259.

Upper Cretaceous, Judith River Formation—North America, Montana, Fergus County, Judith River.

Tsintaosaurus Young, 1958

Hadrosauridae, Ornithopoda

[valid]

Genotype: *spinorhinus*.

Type: Posterior part of cranium with nasal processes. IVP AS V725.

Upper Cretaceous, Wangshih Series—East Asia, China, Shantung, Laiyang Basin.

Tyrannosaurus Osborn, 1905

Tyrannosauridae, Carnosauria

[valid]

Genotype: *rex*.

Type: Partial skull, lower jaws, vertebrae, pelvis, and hind limbs. CM 9380.

Upper Cretaceous, Hell Creek Beds—North America, Montana, Dawson County, Hell Creek.

Uintasaurus Holland, 1924

Camarasauridae, Sauropoda

[= *Camarasaurus* *vide* White, 1958]

Genotype: *douglassi*.

Type: Five posterior cervical vertebrae. CM 11069.

Upper Jurassic, Morrison Formation—North America, Utah, Dinosaur National Monument.

Vectisaurus Hulke, 1879

Iguanodontidae, Ornithopoda

[*nomen dubium*]

Genotype: *valdensis*.

Type: Partial right ilium, BMNH R2497, three dorsal vertebrae, R2494 and 2495, two dorsal neural arches, R2498 and R2499, and a caudal centrum, R2496.

Lower Cretaceous, Wealden—Europe, England, Isle of Wight, Brixton.

Velociraptor Osborn, 1924

Dromaeosauridae, Coelurosauria

[valid]

Genotype: *mongoliensis*.

Type: Skull and jaws, four dorsal, the sacral, and four caudal vertebrae, pubis, ischium, proximal half of left femur, left pes. AMNH 6515.

Upper Cretaceous, Djadocta Formation—East Asia, Outer Mongolia, Shabarakh Usu.

Velocipes Huene, 1932

Podokesauridae, Coelurosauria

[*nomen dubium*]

Genotype: *gürichi*.

Type: Fibula. Staatsinstitut, Hamburg.

Upper Triassic, Middle Keuper—Europe, Germany, Slaks.

Walgettosuchus Huene, 1932

Ornithomimidae, Coelurosauria

[*nomen dubium*]

Genotype: *woodwardi*.

Type: Caudal vertebrae. BMNH 3717.

Lower Cretaceous, Aptian—Australia, New South Wales, Walgett.

Yaleosaurus Huene, 1932

Anchisauridae, Prosauropoda

[= *Anchisaurus* *vide* Ostrom, 1970]

Genotype: *colurus* Marsh, 1891.

Type: Skull, jaws, eighteen presacral vertebrae, scapula-coracoid, left foreleg and manus, one ilium, pubes, right hind leg and pes. YPM 1883.

Upper Triassic, Newark Series, high in Portland Sandstone—North America, Connecticut, Hartford County, Manchester.

Yaverlandia Galton, 1971

Pachycephalosauridae, Ornithopoda

[valid]

Genotype: *bitholus*.

Type: Frontal region of skull. M1WG 1530.

Lower Cretaceous, Barremian, Wealden Marls—Europe, England, Isle of Wight, Samdown, Yaverland Battery.

Yunnanosaurus Young, 1942

Thecodontosauridae, Prosauropoda

[valid]

Genotype: *huangi*.

Type: Nearly entire skeleton.

IVP AS V20.

Upper Triassic, Lower Lufeng Series—East Asia, China, Yunnan, Lufeng.

Zanclodon Plieninger, 1846

Teratosauridae, Carnosauria

[valid *vide* Walker, 1964]

Genotype: *laevis*.

Type: Jaw fragment with four teeth.

SMNS.

Middle Triassic, Lettenkohle—Europe, Germany, Gaildorf.

Zapsalis Cope, 1876

Theropoda incertae sedis

[*nomen dubium*]

Genotype: *abradens*.

Type: A single tooth. AMNH.

Upper Cretaceous, Judith River Formation—North America, Montana, Fergus County, Judith River.

Zatomus Cope, 1871

Teratosauridae, Carnosauria

[*nomen dubium*]

Genotype: *sarcophagus*.

Type: A single tooth.

Upper Triassic, Dan River-Deep River Coals—North America, North Carolina, Chatham County.